

RS232 Protocol Function List

Baud Rate : 9600

Data Bits: 8

Parity: None

Stop Bits: 1

Flow Control : None

UART16550 FIFO: Disable

Write Command

| | | | | | | | | |
|-----------|-------------------------------|---|---------|---|---|-------|----------|-----------------|
| ~ | X | X | X | X | X | | n | CR |
| Lead Code | Projector ID | | Command | | | space | variable | carriage return |
| Prefix | 00~99 (00: All projectors) | | 000~999 | | | | 0~9999 | suffix |

Response Format

Pass:

| |
|---|
| P |
|---|

 Fail:

| |
|---|
| F |
|---|

Read Command

| | | | | | | | | |
|-----------|------------------------|---|------------|---|---|-------|----------|-----------------|
| ~ | X | X | X | X | X | | n | CR |
| Lead Code | Projector ID | | Command ID | | | space | variable | carriage return |
| Prefix | 00~99 (Default: 00) | | 000~999 | | | | 0~9999 | suffix |

Response Format

Pass:

| | | |
|----------|---|---|
| O | K | n |
| Variable | | |

 Fail:

| |
|---|
| F |
|---|

System Automatically Send

| | | | | |
|---|---|---|---|----------|
| I | N | F | O | n |
| | | | | Variable |

 Fail:

| |
|---|
| F |
|---|

Note : There is a <CR> after all ASCII commands. 0D is the HEX code for <CR> in ASCII code

Character to HEX table

| Character | HEX |
|------------|-----|
| ~ | 7E |
| 0 | 30 |
| 1 | 31 |
| 2 | 32 |
| 3 | 33 |
| 4 | 34 |
| 5 | 35 |
| 6 | 36 |
| 7 | 37 |
| 8 | 38 |
| 9 | 39 |
| Space | 20 |
| CR (Enter) | 0D |

e.g.

ASCII to HEX

| | | | | | | | | | |
|---------------|----|----|----|----|----|----|----|----|----|
| RS232 Command | ~ | 0 | 0 | 1 | 9 | 5 | | 1 | CR |
| HEX | 7E | 30 | 30 | 31 | 39 | 35 | 20 | 31 | 0D |

| Level 1 | Level 2 | Level 3 | Level 4 | Level 5 | n value | |
|---------|----------------|------------------|--|---------------|--------------|-----|
| Display | Image Settings | Display Mode | [None] | | | |
| | | | Presentation | | | |
| | | | Bright | | | |
| | | | Cinema | | | |
| | | | Film | | | |
| | | | HDR | | | |
| | | | HLG | | | |
| | | | HDR SIM. | | | |
| | | | Vivid | | | |
| | | | Game | | | |
| | | | sRGB | | | |
| | | | Reference | | | |
| | | | DICOM SIM. | | | |
| | | | User | | | |
| | | | 3D | | | |
| | | | User (3D) | | | |
| | | | User (HDR) | | | |
| | | | User (HLG) | | | |
| | | | ISF Day | | | |
| | | | ISF Night | | | |
| | | | ISF 3D | | | |
| | | | 2D High Speed | | | |
| | | | Blending | | | |
| | | | Sport | | | |
| | | | Super Bright (Reserve for Alexa 2D/3D User) | | | |
| | | | Wall Color | Off | | |
| | | | | BlackBoard | | |
| | | | | Light Yellow | | |
| | | | | Light Green | | |
| | | | | Light Blue | | |
| | | | | Pink | | |
| | | | | Gray | | |
| | | | | Dynamic Range | HDR; HDR/HLG | Off |
| | | | Auto | | | |
| | | | HDR Picture Mode | | Bright | |
| | | | | | Standard | |
| | | | | | Film | |
| | | | | | Detail | |
| | | | | | SMPTE 2084 | |
| | | | | | Bright | |
| | | HLG Picture Mode | Standard | | | |
| | | | Film | | | |
| | | | Detail | | | |
| | | HDR Demo Mode | Off | | | |
| | | | On | | | |
| | | Brightness | - | | | |
| | | | -50 ~ 50 | | | |
| | | | + | | | |
| | | Contrast | - | | | |
| | | | -50 ~ 50 | | | |
| | | | + | | | |
| | | Sharpness | 1 ~ 15 | | | |
| | | Color | -50 ~ 50 | | | |
| | | Tint | -50 ~ 50 | | | |
| | | Film | Offset | -5~5 | | |
| | | | | | | |
| | | | | | | |
| | | Video | Offset | -5~5 | | |
| | | | | | | |
| | | | | | | |

| Write Command | | | | | | Read Command | | | | | |
|---------------|-------|-----------|---|----------|------|--------------|-------|-----------|----------------------------|----------|------|
| Command | | | | Response | | Command | | | | Response | |
| CMD | space | Set Para. | HEX Code | Fail | Pass | CMD | space | CMD Value | HEX Code | Fail | Pass |
| *XX20 | | 1 | 7E 30 30 32 30 20 31 0D | F | P | **XX123 | | 1 | 7E 30 30 31 32 33 20 31 0D | F | P |
| *XX20 | | 2 | 7E 30 30 32 30 20 32 0D | F | P | **XX123 | | 1 | 7E 30 30 31 32 33 20 31 0D | F | P |
| *XX20 | | 3 | 7E 30 30 32 30 20 33 0D | F | P | **XX123 | | 1 | 7E 30 30 31 32 33 20 31 0D | F | P |
| *XX20 | | 11 | 7E 30 30 32 30 20 31 0D | F | P | **XX123 | | 1 | 7E 30 30 31 32 33 20 31 0D | F | P |
| *XX20 | | 21 | 7E 30 30 32 30 20 32 31 0D | F | P | **XX123 | | 1 | 7E 30 30 31 32 33 20 31 0D | F | P |
| *XX20 | | 25 | 7E 30 30 32 30 20 32 35 0D | F | P | **XX123 | | 1 | 7E 30 30 31 32 33 20 31 0D | F | P |
| *XX20 | | 22 | 7E 30 30 32 30 20 32 32 0D | F | P | **XX123 | | 1 | 7E 30 30 31 32 33 20 31 0D | F | P |
| *XX20 | | 16 | 7E 30 30 32 30 20 31 36 0D | F | P | **XX123 | | 1 | 7E 30 30 31 32 33 20 31 0D | F | P |
| *XX20 | | 12 | 7E 30 30 32 30 20 31 32 0D | F | P | **XX123 | | 1 | 7E 30 30 31 32 33 20 31 0D | F | P |
| *XX20 | | 4 | 7E 30 30 32 30 20 34 0D | F | P | **XX123 | | 1 | 7E 30 30 31 32 33 20 31 0D | F | P |
| *XX20 | | 4 | 7E 30 30 32 30 20 34 0D | F | P | **XX123 | | 1 | 7E 30 30 31 32 33 20 31 0D | F | P |
| *XX20 | | 13 | 7E 30 30 32 30 20 31 33 0D | F | P | **XX123 | | 1 | 7E 30 30 31 32 33 20 31 0D | F | P |
| *XX20 | | 5 | 7E 30 30 32 30 20 35 0D | F | P | **XX123 | | 1 | 7E 30 30 31 32 33 20 31 0D | F | P |
| *XX20 | | 9 | 7E 30 30 32 30 20 39 0D | F | P | **XX123 | | 1 | 7E 30 30 31 32 33 20 31 0D | F | P |
| *XX20 | | 6 | 7E 30 30 32 30 20 36 0D | F | P | **XX123 | | 1 | 7E 30 30 31 32 33 20 31 0D | F | P |
| *XX20 | | 26 | 7E 30 30 32 30 20 32 36 0D | F | P | **XX123 | | 1 | 7E 30 30 31 32 33 20 31 0D | F | P |
| *XX20 | | 27 | 7E 30 30 32 30 20 32 37 0D | F | P | **XX123 | | 1 | 7E 30 30 31 32 33 20 31 0D | F | P |
| *XX20 | | 14 | 7E 30 30 32 30 20 31 34 0D | F | P | **XX123 | | 1 | 7E 30 30 31 32 33 20 31 0D | F | P |
| *XX20 | | 15 | 7E 30 30 32 30 20 31 35 0D | F | P | **XX123 | | 1 | 7E 30 30 31 32 33 20 31 0D | F | P |
| *XX20 | | 17 | 7E 30 30 32 30 20 31 37 0D | F | P | **XX123 | | 1 | 7E 30 30 31 32 33 20 31 0D | F | P |
| *XX20 | | 18 | 7E 30 30 32 30 20 31 38 0D | F | P | **XX123 | | 1 | 7E 30 30 31 32 33 20 31 0D | F | P |
| *XX20 | | 19 | 7E 30 30 32 30 20 31 39 0D | F | P | **XX123 | | 1 | 7E 30 30 31 32 33 20 31 0D | F | P |
| *XX20 | | 20 | 7E 30 30 32 30 20 32 30 0D | F | P | **XX123 | | 1 | 7E 30 30 31 32 33 20 31 0D | F | P |
| *XX20 | | 23 | 7E 30 30 32 30 20 32 33 0D | F | P | **XX123 | | 1 | 7E 30 30 31 32 33 20 31 0D | F | P |
| *XX20 | | 24 | 7E 30 30 32 30 20 32 34 0D | F | P | **XX123 | | 1 | 7E 30 30 31 32 33 20 31 0D | F | P |
| *XX506 | | 0 | 7E 30 30 35 30 36 20 30 0D | F | P | | | | | | |
| *XX506 | | 1 | 7E 30 30 35 30 36 20 31 0D | F | P | | | | | | |
| *XX506 | | 7 | 7E 30 30 35 30 36 20 37 0D | F | P | | | | | | |
| *XX506 | | 3 | 7E 30 30 35 30 36 20 33 0D | F | P | | | | | | |
| *XX506 | | 4 | 7E 30 30 35 30 36 20 34 0D | F | P | | | | | | |
| *XX506 | | 5 | 7E 30 30 35 30 36 20 35 0D | F | P | | | | | | |
| *XX506 | | 6 | 7E 30 30 35 30 36 20 36 0D | F | P | | | | | | |
| *XX565 | | 0 | 7E 30 30 35 36 35 20 30 0D | F | P | | | | | | |
| *XX565 | | 1 | 7E 30 30 35 36 35 20 31 0D | F | P | | | | | | |
| *XX566 | | 0 | 7E 30 30 35 36 36 20 30 0D | F | P | | | | | | |
| *XX566 | | 1 | 7E 30 30 35 36 36 20 31 0D | F | P | | | | | | |
| *XX566 | | 2 | 7E 30 30 35 36 36 20 32 0D | F | P | | | | | | |
| *XX566 | | 3 | 7E 30 30 35 36 36 20 33 0D | F | P | | | | | | |
| *XX567 | | 4 | 7E 30 30 35 36 37 20 34 0D | F | P | | | | | | |
| *XX567 | | 0 | 7E 30 30 35 36 37 20 30 0D | F | P | | | | | | |
| *XX567 | | 1 | 7E 30 30 35 36 37 20 31 0D | F | P | | | | | | |
| *XX567 | | 2 | 7E 30 30 35 36 37 20 32 0D | F | P | | | | | | |
| *XX567 | | 3 | 7E 30 30 35 36 37 20 33 0D | F | P | | | | | | |
| *XX46 | | 1 | 7E 30 30 34 36 20 31 0D | F | P | | | | | | |
| *XX21 | | -50~50 | 7E 30 30 32 31 20 2D 35 30 0D to 7E 30 30 32 31 20 35 30 0D | F | P | **XX125 | | 1 | 7E 30 30 31 32 35 20 31 0D | F | P |
| *XX46 | | 2 | 7E 30 30 34 36 20 32 0D | F | P | | | | | | |
| *XX47 | | 1 | 7E 30 30 34 37 20 31 0D | F | P | | | | | | |
| *XX22 | | -50~50 | 7E 30 30 32 32 20 2D 35 30 0D to 7E 30 30 32 32 20 35 30 0D | F | P | **XX126 | | 1 | 7E 30 30 31 32 36 20 31 0D | F | P |
| *XX47 | | 2 | 7E 30 30 34 37 20 32 0D | F | P | | | | | | |
| *XX23 | | 1~15 | 7E 30 30 32 33 20 31 0D to 7E 30 30 32 33 20 31 35 0D | F | P | | | | | | |
| *XX45 | | -50~50 | 7E 30 30 34 35 20 2D 35 30 0D to 7E 30 30 34 35 20 35 30 0D | F | P | | | | | | |
| *XX44 | | -50~50 | 7E 30 30 34 34 20 2D 35 30 0D to 7E 30 30 34 34 20 35 30 0D | F | P | | | | | | |
| *XX35 | | 1 | 7E 30 30 31 38 33 20 35 0D | F | P | | | | | | |
| *XX183 | | -5~5 | 7E 30 30 31 38 33 20 2D 35 0D to 7E 30 30 31 38 33 20 35 0D | F | P | | | | | | |
| *XX35 | | 2 | 7E 30 30 31 38 33 20 32 0D | F | P | | | | | | |
| *XX185 | | -5~5 | 7E 30 30 31 38 35 20 2D 35 0D to 7E 30 30 31 38 35 20 35 0D | F | P | | | | | | |

Note : Some commands are not supported, it depends on models

| Level 1 | Level 2 | Level 3 | Level 4 | Level 5 | n value | | |
|----------------|----------------|-----------------|---------------------------|---------------|----------|------------|------|
| Display | Image Settings | Gamma | Graphics | Offset | -5~5 | | |
| | | | | Standard(2.2) | Offset | -5~5 | |
| | | | 1.8 | | Offset | -5~5 | |
| | | | | 2.0 | Offset | -5~5 | |
| | | | 2.4 | | Offset | -5~5 | |
| | | | | 2.6 | | | |
| | | | 3D | | | | |
| | | | | Blackboard | | | |
| | | | DICOM SIM. | | | | |
| | | | | Bright | | | |
| | | | CRT | | | | |
| | | | | Gamma | User | Curve Type | Film |
| | | | Video | | | | |
| | | | Standard(2.2) | | | | |
| | | Graphic | | | | | |
| | | 1.8 | | | | | |
| | | 2 | | | | | |
| | | 2.4 | | | | | |
| | | 2.6 | | | | | |
| | | Offset | -5~5 | | | | |
| | | BrilliantColor™ | 1 ~ 10 | | | | |
| | | | Color Temperature | | Warm | | |
| | | | | | Standard | | |
| | | | | | Cool | | |
| | | | | | Cold | | |
| | | | | D55 | | | |
| | | D55 | | | | | |
| | | D75 | | | | | |
| | | D75 | | | | | |
| | | D83 | | | | | |
| | | D93 | | | | | |
| | | Native (Bright) | | | | | |
| | | Reset | | | | | |
| | | Color | R / G / B / C / Y / M / W | | | | |
| | | | (R) Saturation | -50 ~ 50 | | | |
| | | | (R) Hue | -50 ~ 50 | | | |
| | | | (R) Gain | -50 ~ 50 | | | |
| | | | (G) Saturation | -50 ~ 50 | | | |
| | | | (G) Hue | -50 ~ 50 | | | |
| | | | (G) Gain | -50 ~ 50 | | | |
| (B) Saturation | -50 ~ 50 | | | | | | |

| Write Command | | | | | | Read Command | | | | | |
|---------------|-------|-----------|---|----------|------|--------------|-------|----------------------------|----------|----------|------|
| Command | | | | Response | | Command | | | | Response | |
| CMD | space | Set Para. | HEX Code | Fail | Pass | CMD | space | CMD Value | HEX Code | Fail | Pass |
| *XX35 | | 3 | 7E 30 30 33 35 20 33 0D 7E 30 30 31 38 37 20 2D 35 0D | F | P | | | | | | |
| *XX187 | | -5~5 | 7E 30 30 31 38 37 20 2D 35 0D to | F | P | | | | | | |
| *XX35 | | 4 | 7E 30 30 31 38 37 20 35 0D 7E 30 30 33 35 20 34 0D | F | P | | | | | | |
| *XX189 | | -5~5 | 7E 30 30 31 38 39 20 2D 35 0D to | F | P | | | | | | |
| *XX35 | | 5 | 7E 30 30 31 38 39 20 35 0D 7E 30 30 33 35 20 35 0D | F | P | | | | | | |
| *XX533 | | -5~5 | 7E 30 30 35 33 33 20 2D 35 0D to | F | P | | | | | | |
| *XX35 | | 6 | 7E 30 30 35 33 33 20 35 0D 7E 30 30 33 35 20 36 0D | F | P | | | | | | |
| *XX534 | | -5~5 | 7E 30 30 35 33 34 20 2D 35 0D to | F | P | | | | | | |
| *XX35 | | 12 | 7E 30 30 35 33 34 20 35 0D 7E 30 30 33 35 20 31 32 0D | F | P | | | | | | |
| *XX535 | | -5~5 | 7E 30 30 35 33 35 20 2D 35 0D to | F | P | | | | | | |
| *XX35 | | 8 | 7E 30 30 35 33 35 20 35 0D 7E 30 30 33 35 20 38 0D | F | P | | | | | | |
| *XX35 | | 9 | 7E 30 30 33 35 20 39 0D | F | P | | | | | | |
| *XX35 | | 10 | 7E 30 30 33 35 20 31 30 0D | F | P | | | | | | |
| *XX35 | | 11 | 7E 30 30 33 35 20 31 31 0D | F | P | | | | | | |
| *XX35 | | 12 | 7E 30 30 33 35 20 31 32 0D | F | P | | | | | | |
| *XX35 | | 13 | 7E 30 30 33 35 20 31 33 0D | F | P | | | | | | |
| *XX35 | | 14 | 7E 30 30 33 35 20 31 34 0D | F | P | | | | | | |
| *XX532 | | 1 | 7E 30 30 35 33 32 20 31 0D | F | P | | | | | | |
| *XX532 | | 2 | 7E 30 30 35 33 32 20 32 0D | F | P | | | | | | |
| *XX532 | | 3 | 7E 30 30 35 33 32 20 33 0D | F | P | | | | | | |
| *XX532 | | 4 | 7E 30 30 35 33 32 20 34 0D | F | P | | | | | | |
| *XX532 | | 5 | 7E 30 30 35 33 32 20 35 0D | F | P | | | | | | |
| *XX532 | | 6 | 7E 30 30 35 33 32 20 36 0D | F | P | | | | | | |
| *XX532 | | 7 | 7E 30 30 35 33 32 20 37 0D | F | P | | | | | | |
| *XX532 | | 8 | 7E 30 30 35 33 32 20 38 0D | F | P | | | | | | |
| *XX536 | | -5~5 | 7E 30 30 35 33 36 20 2D 35 0D to | F | P | | | | | | |
| *XX34 | | 1~10 | 7E 30 30 35 33 36 20 35 0D 7E 30 30 33 34 20 31 0D | F | P | | | | | | |
| *XX36 | | 4 | 7E 30 30 33 34 20 31 30 0D 7E 30 30 33 36 20 34 0D | F | P | *XX128 | 1 | 7E 30 30 31 32 38 20 31 0D | F | O k 3 | |
| *XX36 | | 1 | 7E 30 30 33 36 20 31 0D | F | P | *XX128 | 1 | 7E 30 30 31 32 38 20 31 0D | F | O k 0 | |
| *XX36 | | 2 | 7E 30 30 33 36 20 32 0D | F | P | *XX128 | 1 | 7E 30 30 31 32 38 20 31 0D | F | O k 1 | |
| *XX36 | | 3 | 7E 30 30 33 36 20 33 0D | F | P | *XX128 | 1 | 7E 30 30 31 32 38 20 31 0D | F | O k 2 | |
| *XX36 | | 4 | 7E 30 30 33 36 20 34 0D | F | P | *XX128 | 1 | 7E 30 30 31 32 38 20 31 0D | F | O k 1 | |
| *XX36 | | 1 | 7E 30 30 33 36 20 31 0D | F | P | *XX128 | 1 | 7E 30 30 31 32 38 20 31 0D | F | O k 2 | |
| *XX36 | | 2 | 7E 30 30 33 36 20 32 0D | F | P | *XX128 | 1 | 7E 30 30 31 32 38 20 31 0D | F | O k 4 | |
| *XX36 | | 3 | 7E 30 30 33 36 20 33 0D | F | P | *XX128 | 1 | 7E 30 30 31 32 38 20 31 0D | F | O k 5 | |
| *XX36 | | 6 | 7E 30 30 33 36 20 36 0D | F | P | *XX128 | 1 | 7E 30 30 31 32 38 20 31 0D | F | O k 6 | |
| *XX36 | | 5 | 7E 30 30 33 36 20 35 0D | F | P | *XX128 | 1 | 7E 30 30 31 32 38 20 31 0D | F | O k 7 | |
| *XX33 | | 1 | 7E 30 30 33 33 20 31 0D | F | P | | | | | | |
| *XX333 | | -50~50 | 7E 30 30 33 33 20 2D 35 30 0D to | F | P | | | | | | |
| *XX327 | | -50~50 | 7E 30 30 33 33 33 20 35 30 0D 7E 30 30 33 32 37 20 2D 35 30 0D | F | P | | | | | | |
| *XX339 | | -50~50 | 7E 30 30 33 32 37 20 35 30 0D 7E 30 30 33 33 39 20 2D 35 30 0D | F | P | | | | | | |
| *XX334 | | -50~50 | 7E 30 30 33 33 39 20 35 30 0D 7E 30 30 33 33 34 20 2D 35 30 0D | F | P | | | | | | |
| *XX328 | | -50~50 | 7E 30 30 33 33 34 20 35 30 0D 7E 30 30 33 32 38 20 2D 35 30 0D | F | P | | | | | | |
| *XX340 | | -50~50 | 7E 30 30 33 32 38 20 35 30 0D 7E 30 30 33 34 30 20 2D 35 30 0D | F | P | | | | | | |
| *XX335 | | -50~50 | 7E 30 30 33 33 35 20 2D 35 30 0D to | F | P | | | | | | |
| | | | 7E 30 30 33 33 35 20 35 30 0D | | | | | | | | |

Note : Some commands are not supported, it depends on models

| Level 1 | Level 2 | Level 3 | Level 4 | Level 5 | n value |
|---------|---------|----------------|----------------|----------------|---------------------------|
| | | Color Settings | | (B) Hue | -50 ~ 50 |
| | | | | (B) Gain | -50 ~ 50 |
| | | | | (C) Saturation | -50 ~ 50 |
| | | | | (C) Hue | -50 ~ 50 |
| | | | Color Matching | (C) Gain | -50 ~ 50 |
| | | | | (Y) Saturation | -50 ~ 50 |
| | | | | (Y) Hue | -50 ~ 50 |
| | | | | (Y) Gain | -50 ~ 50 |
| | | | | (M) Saturation | -50 ~ 50 |
| | | | | (M) Hue | -50 ~ 50 |
| | | | | (M) Gain | -50 ~ 50 |
| | | | | (W) Red | -50 ~ 50 |
| | | | | (W) Green | -50 ~ 50 |
| | | | | (W) Blue | -50 ~ 50 |
| | | | | Reset | |
| | | | | Native | |
| | | | | REC2020 | |
| | | | | ADOBE | |
| | | | | DLP-C | |
| | | | | HDTV | |
| | | | | EBU | |
| | | | | SMPTC-C | |
| | | | | Presentation | |
| | | | | Cinema | |
| | | | | Game | |
| | | | | Color | R / G / B / C / Y / M / W |
| | | | | (R) x offset | -50 ~ 50 |
| | | | | (R) y offset | -50 ~ 50 |
| | | | | (R) Brightness | -50 ~ 50 |
| | | | | (G) x offset | -50 ~ 50 |
| | | | | (G) y offset | -50 ~ 50 |
| | | | | (G) Brightness | -50 ~ 50 |
| | | | | (B) x offset | -50 ~ 50 |

| Write Command | | | | | | Read Command | | | | | | |
|---------------|-------|-----------|--|------|----------|--------------|---------|-----------|----------|----------|------|--|
| Command | | | | | Response | | Command | | | Response | | |
| CMD | space | Set Para. | HEX Code | Fail | Pass | CMD | space | CMD Value | HEX Code | Fail | Pass | |
| ~XX329 | | -50~50 | 7E 30 30 33 32 39 20 2D 35 30 0D to 7E 30 30 33 32 39 20 35 30 0D | F | P | | | | | | | |
| ~XX341 | | -50~50 | 7E 30 30 33 34 31 20 2D 35 30 0D to 7E 30 30 33 33 36 20 2D 35 30 0D | F | P | | | | | | | |
| ~XX336 | | -50~50 | 7E 30 30 33 34 31 20 35 30 0D to 7E 30 30 33 33 36 20 2D 35 30 0D | F | P | | | | | | | |
| ~XX330 | | -50~50 | 7E 30 30 33 33 36 20 35 30 0D to 7E 30 30 33 33 30 20 2D 35 30 0D | F | P | | | | | | | |
| ~XX342 | | -50~50 | 7E 30 30 33 33 30 20 35 30 0D to 7E 30 30 33 34 32 20 2D 35 30 0D | F | P | | | | | | | |
| ~XX337 | | -50~50 | 7E 30 30 33 34 32 20 35 30 0D to 7E 30 30 33 33 37 20 2D 35 30 0D | F | P | | | | | | | |
| ~XX331 | | -50~50 | 7E 30 30 33 33 37 20 35 30 0D to 7E 30 30 33 33 31 20 2D 35 30 0D | F | P | | | | | | | |
| ~XX343 | | -50~50 | 7E 30 30 33 33 31 20 35 30 0D to 7E 30 30 33 34 33 20 2D 35 30 0D | F | P | | | | | | | |
| ~XX338 | | -50~50 | 7E 30 30 33 34 33 20 35 30 0D to 7E 30 30 33 33 38 20 2D 35 30 0D | F | P | | | | | | | |
| ~XX332 | | -50~50 | 7E 30 30 33 33 38 20 35 30 0D to 7E 30 30 33 33 32 20 2D 35 30 0D | F | P | | | | | | | |
| ~XX344 | | -50~50 | 7E 30 30 33 33 32 20 35 30 0D to 7E 30 30 33 34 34 20 2D 35 30 0D | F | P | | | | | | | |
| ~XX345 | | -50~50 | 7E 30 30 33 34 34 20 35 30 0D to 7E 30 30 33 34 35 20 2D 35 30 0D | F | P | | | | | | | |
| ~XX346 | | -50~50 | 7E 30 30 33 34 35 20 35 30 0D to 7E 30 30 33 34 36 20 2D 35 30 0D | F | P | | | | | | | |
| ~XX347 | | -50~50 | 7E 30 30 33 34 36 20 35 30 0D to 7E 30 30 33 34 37 20 2D 35 30 0D | F | P | | | | | | | |
| ~XX215 | | 1 | 7E 30 30 33 34 37 20 35 30 0D | F | P | | | | | | | |
| ~XX211 | | 1 | 7E 30 30 32 31 35 20 31 0D | F | P | | | | | | | |
| ~XX211 | | 7 | 7E 30 30 32 31 31 20 31 0D | F | P | | | | | | | |
| ~XX211 | | 6 | 7E 30 30 32 31 31 20 37 0D | F | P | | | | | | | |
| ~XX211 | | 2 | 7E 30 30 32 31 31 20 36 0D | F | P | | | | | | | |
| ~XX211 | | 3 | 7E 30 30 32 31 31 20 32 0D | F | P | | | | | | | |
| ~XX211 | | 4 | 7E 30 30 32 31 31 20 33 0D | F | P | | | | | | | |
| ~XX211 | | 5 | 7E 30 30 32 31 31 20 34 0D | F | P | | | | | | | |
| ~XX211 | | 8 | 7E 30 30 32 31 31 20 35 0D | F | P | | | | | | | |
| ~XX211 | | 9 | 7E 30 30 32 31 31 20 38 0D | F | P | | | | | | | |
| ~XX211 | | 9 | 7E 30 30 32 31 31 20 39 0D | F | P | | | | | | | |
| ~XX211 | | 10 | 7E 30 30 32 31 31 20 39 0D | F | P | | | | | | | |
| ~XX333 | | -50~50 | 7E 30 30 33 33 33 20 2D 35 30 0D to 7E 30 30 33 33 33 20 35 30 0D | F | P | | | | | | | |
| ~XX327 | | -50~50 | 7E 30 30 33 33 33 20 35 30 0D to 7E 30 30 33 32 37 20 2D 35 30 0D | F | P | | | | | | | |
| ~XX339 | | -50~50 | 7E 30 30 33 32 37 20 35 30 0D to 7E 30 30 33 33 39 20 2D 35 30 0D | F | P | | | | | | | |
| ~XX334 | | -50~50 | 7E 30 30 33 33 39 20 35 30 0D to 7E 30 30 33 33 34 20 2D 35 30 0D | F | P | | | | | | | |
| ~XX328 | | -50~50 | 7E 30 30 33 33 34 20 35 30 0D to 7E 30 30 33 32 38 20 2D 35 30 0D | F | P | | | | | | | |
| ~XX340 | | -50~50 | 7E 30 30 33 32 38 20 35 30 0D to 7E 30 30 33 34 30 20 2D 35 30 0D | F | P | | | | | | | |
| ~XX335 | | -50~50 | 7E 30 30 33 34 30 20 35 30 0D to 7E 30 30 33 33 35 20 2D 35 30 0D | F | P | | | | | | | |
| | | | 7E 30 30 33 33 35 20 35 30 0D | F | P | | | | | | | |

Note : Some commands are not supported, it depends on models

| Level 1 | Level 2 | Level 3 | Level 4 | Level 5 | n value |
|---------------------|----------------|----------------|---------|-------------------|--------------|
| Display | Image Settings | Color Settings | CMS | (B) y offset | -50 ~ 50 |
| | | | | (B) Brightness | -50 ~ 50 |
| | | | | (C) x offset | -50 ~ 50 |
| | | | | (C) y offset | -50 ~ 50 |
| | | | | (C) Brightness | -50 ~ 50 |
| | | | | (Y) x offset | -50 ~ 50 |
| | | | | (Y) y offset | -50 ~ 50 |
| | | | | (Y) Brightness | -50 ~ 50 |
| | | | | (M) x offset | -50 ~ 50 |
| | | | | (M) y offset | -50 ~ 50 |
| | | | | (M) Brightness | -50 ~ 50 |
| | | | | (W) x offset | -50 ~ 50 |
| | | | | (W) y offset | -50 ~ 50 |
| | | | | (W) Brightness | -50 ~ 50 |
| | | | | Reset | Cancel / Yes |
| | | | | Red | |
| | | | | Green | |
| | | | | Blue | |
| | | | | Cyan | |
| | | | | Yellow | |
| | | | | Magenta | |
| | | | | White | |
| | | | | x offset | |
| | | | | y offset | |
| | | | | Brightness | |
| | | | | Disable | |
| | | | | Enable | |
| | | | | Auto Test Pattern | Off |
| | | | | | On |
| | | | | Red Part of Red | 0~1000 |
| | | | | Green Part of Red | 0~1000 |
| | | | | Blue Part of Red | 0~1000 |
| Green Part of Green | 0~1000 | | | | |

| Write Command | | | | | | Read Command | | | | | |
|---------------|-------|-----------|---|----------|------|--------------|-------|-----------|----------|----------|------|
| Command | | | | Response | | Command | | | | Response | |
| CMD | space | Set Para. | HEX Code | Fail | Pass | CMD | space | CMD Value | HEX Code | Fail | Pass |
| ~XX329 | | -50~50 | 7E 30 30 33 32 39 20 2D 35 30 0D to 7E 30 30 33 32 39 20 35 30 0D 7E 30 30 33 34 31 20 2D 35 30 0D | F | P | | | | | | |
| ~XX341 | | -50~50 | 7E 30 30 33 34 31 20 35 30 0D 7E 30 30 33 33 36 20 2D 35 30 0D | F | P | | | | | | |
| ~XX336 | | -50~50 | 7E 30 30 33 34 31 20 35 30 0D 7E 30 30 33 33 36 20 2D 35 30 0D | F | P | | | | | | |
| ~XX330 | | -50~50 | 7E 30 30 33 33 36 20 35 30 0D 7E 30 30 33 33 30 20 2D 35 30 0D | F | P | | | | | | |
| ~XX342 | | -50~50 | 7E 30 30 33 33 30 20 35 30 0D 7E 30 30 33 34 32 20 2D 35 30 0D | F | P | | | | | | |
| ~XX336 | | -50~50 | 7E 30 30 33 34 32 20 35 30 0D 7E 30 30 33 33 36 20 2D 35 30 0D | F | P | | | | | | |
| ~XX331 | | -50~50 | 7E 30 30 33 33 36 20 35 30 0D 7E 30 30 33 33 31 20 2D 35 30 0D | F | P | | | | | | |
| ~XX343 | | -50~50 | 7E 30 30 33 33 31 20 35 30 0D 7E 30 30 33 34 33 20 2D 35 30 0D | F | P | | | | | | |
| ~XX338 | | -50~50 | 7E 30 30 33 34 33 20 35 30 0D 7E 30 30 33 33 38 20 2D 35 30 0D | F | P | | | | | | |
| ~XX332 | | -50~50 | 7E 30 30 33 33 38 20 35 30 0D 7E 30 30 33 33 32 20 2D 35 30 0D | F | P | | | | | | |
| ~XX344 | | -50~50 | 7E 30 30 33 33 32 20 35 30 0D 7E 30 30 33 34 34 20 2D 35 30 0D | F | P | | | | | | |
| ~XX345 | | -50~50 | 7E 30 30 33 34 34 20 35 30 0D 7E 30 30 33 34 35 20 2D 35 30 0D | F | P | | | | | | |
| ~XX346 | | -50~50 | 7E 30 30 33 34 35 20 35 30 0D 7E 30 30 33 34 36 20 2D 35 30 0D | F | P | | | | | | |
| ~XX347 | | -50~50 | 7E 30 30 33 34 36 20 35 30 0D 7E 30 30 33 34 37 20 2D 35 30 0D | F | P | | | | | | |
| ~XX215 | | 1 | 7E 30 30 33 34 37 20 35 30 0D | F | P | | | | | | |
| ~XX212 | | 1 | 7E 30 30 32 31 35 20 31 0D | F | P | | | | | | |
| ~XX212 | | 2 | 7E 30 30 32 31 32 20 31 0D | F | P | | | | | | |
| ~XX212 | | 3 | 7E 30 30 32 31 32 20 32 0D | F | P | | | | | | |
| ~XX212 | | 4 | 7E 30 30 32 31 32 20 33 0D | F | P | | | | | | |
| ~XX212 | | 5 | 7E 30 30 32 31 32 20 34 0D | F | P | | | | | | |
| ~XX212 | | 6 | 7E 30 30 32 31 32 20 35 0D | F | P | | | | | | |
| ~XX212 | | 7 | 7E 30 30 32 31 32 20 36 0D | F | P | | | | | | |
| ~XX213 | | -50~50 | 7E 30 30 32 31 32 20 37 0D 7E 30 30 32 31 33 20 2D 35 30 0D | F | P | | | | | | |
| ~XX214 | | -50~50 | 7E 30 30 32 31 33 20 35 30 0D 7E 30 30 32 31 34 20 2D 35 30 0D | F | P | | | | | | |
| ~XX217 | | -50~50 | 7E 30 30 32 31 34 20 35 30 0D 7E 30 30 32 31 37 20 2D 35 30 0D | F | P | | | | | | |
| ~XX410 | | 0 | 7E 30 30 32 31 37 20 35 30 0D | F | P | | | | | | |
| ~XX410 | | 1 | 7E 30 30 34 31 30 20 30 0D | F | P | | | | | | |
| ~XX411 | | 0 | 7E 30 30 34 31 30 20 31 0D | F | P | | | | | | |
| ~XX411 | | 1 | 7E 30 30 34 31 31 20 30 0D | F | P | | | | | | |
| ~XX412 | | -50~50 | 7E 30 30 34 31 31 20 31 0D 7E 30 30 34 31 32 20 2D 35 30 0D | F | P | | | | | | |
| ~XX413 | | -50~50 | 7E 30 30 34 31 32 20 35 30 0D 7E 30 30 34 31 33 20 2D 35 30 0D | F | P | | | | | | |
| ~XX414 | | -50~50 | 7E 30 30 34 31 33 20 35 30 0D 7E 30 30 34 31 34 20 2D 35 30 0D | F | P | | | | | | |
| ~XX415 | | -50~50 | 7E 30 30 34 31 34 20 35 30 0D 7E 30 30 34 31 35 20 2D 35 30 0D | F | P | | | | | | |

Note : Some commands are not supported, it depends on models

| Level 1 | Level 2 | Level 3 | Level 4 | Level 5 | n value |
|---------|----------------|----------------|---------------------------|---------------------------------|------------------|
| Display | Image Settings | Color Settings | Color Matching | Red Part of Green | 0~1000 |
| | | | | Blue Part of Green | 0~1000 |
| | | | | Blue Part of Blue | 0~1000 |
| | | | | Red Part of Blue | 0~1000 |
| | | | | Green Part of Blue | 0~1000 |
| | | | | Red Part of White | 0~1000 |
| | | | | Green Part of White | 0~1000 |
| | | | | Blue Part of White | 0~1000 |
| | | | RGB Gain/Bias | Red Gain | -50 ~ 50 |
| | | | | Green Gain | -50 ~ 50 |
| | | | | Blue Gain | -50 ~ 50 |
| | | | | Red Bias | -50 ~ 50 |
| | | | | Green Bias | -50 ~ 50 |
| | | | | Blue Bias | -50 ~ 50 |
| | | | Color Space | Reset | |
| | | | | Auto | |
| | | | | RGB | |
| | | | | YUV | |
| | | | | RGB(0~255) | |
| | | | | RGB(16~235) | |
| | | | RGB Channel [w/pixelwork] | Rec. 709 | |
| | | | | Rec. 601 | |
| | | | | Normal | |
| | | | | Red | |
| | | | White Level | Green | |
| | | | | Blue | |
| | | | | -50 ~ 50 (depends on signal) | |
| | | | | -50 ~ 50 (depends on signal) | |
| | | | Saturation | -50 ~ 50 (depends on signal) | |
| | | | | -50 ~ 50 (depends on signal) | |
| | | | | -50 ~ 50 (depends on signal) | |
| | | | | -50 ~ 50 (depends on signal) | |
| | | | Hue | 0 | |
| | | | | 7.5 | |
| | | | | Off | |
| | | | | On | |
| | | | Automatic | 1 | On & VGA Table 1 |
| | | | | 3 | On & VGA Table 2 |
| | | | | 2 | On & VGA Table 2 |
| | | | | 4 | On & VGA Table 2 |

| Write Command | | | | | | Read Command | | | | | |
|---------------|-------|-----------|--|----------|------|--------------|-------|-----------|----------|----------|------|
| Command | | | | Response | | Command | | | | Response | |
| CMD | space | Set Para. | HEX Code | Fail | Pass | CMD | space | CMD Value | HEX Code | Fail | Pass |
| ~XX416 | | -50~50 | 7E 30 30 34 31 36 20 2D 35 30 0D to 7E 30 30 34 31 36 20 35 30 0D | F | P | | | | | | |
| ~XX417 | | -50~50 | 7E 30 30 34 31 37 20 2D 35 30 0D to 7E 30 30 34 31 38 20 2D 35 30 0D | F | P | | | | | | |
| ~XX418 | | -50~50 | 7E 30 30 34 31 39 20 2D 35 30 0D to 7E 30 30 34 31 39 20 35 30 0D | F | P | | | | | | |
| ~XX419 | | -50~50 | 7E 30 30 34 31 38 20 35 30 0D to 7E 30 30 34 31 39 20 35 30 0D | F | P | | | | | | |
| ~XX420 | | -50~50 | 7E 30 30 34 32 30 2D 35 30 0D to 7E 30 30 34 32 31 2D 35 30 0D | F | P | | | | | | |
| ~XX421 | | -50~50 | 7E 30 30 34 32 31 2D 35 30 0D to 7E 30 30 34 32 32 2D 35 30 0D | F | P | | | | | | |
| ~XX422 | | -50~50 | 7E 30 30 34 32 31 2D 35 30 0D to 7E 30 30 34 32 32 2D 35 30 0D | F | P | | | | | | |
| ~XX423 | | -50~50 | 7E 30 30 34 32 32 2D 35 30 0D to 7E 30 30 34 32 33 2D 35 30 0D | F | P | | | | | | |
| ~XX24 | | -50~50 | 7E 30 30 34 32 33 2D 35 30 0D to 7E 30 30 32 34 2D 35 30 0D | F | P | | | | | | |
| ~XX25 | | -50~50 | 7E 30 30 32 34 2D 35 30 0D to 7E 30 30 32 35 2D 35 30 0D | F | P | | | | | | |
| ~XX26 | | -50~50 | 7E 30 30 32 35 2D 35 30 0D to 7E 30 30 32 36 2D 35 30 0D | F | P | | | | | | |
| ~XX27 | | -50~50 | 7E 30 30 32 36 2D 35 30 0D to 7E 30 30 32 37 2D 35 30 0D | F | P | | | | | | |
| ~XX28 | | -50~50 | 7E 30 30 32 37 2D 35 30 0D to 7E 30 30 32 38 2D 35 30 0D | F | P | | | | | | |
| ~XX29 | | -50~50 | 7E 30 30 32 38 2D 35 30 0D to 7E 30 30 32 39 2D 35 30 0D | F | P | | | | | | |
| ~XX517 | | 1 | 7E 30 30 32 39 2D 35 30 0D | F | P | | | | | | |
| ~XX37 | | 1 | 7E 30 30 35 31 37 20 31 0D | F | P | | | | | | |
| ~XX37 | | 2 | 7E 30 30 33 37 20 31 0D | F | P | | | | | | |
| ~XX37 | | 3 | 7E 30 30 33 37 20 32 0D | F | P | | | | | | |
| ~XX37 | | 4 | 7E 30 30 33 37 20 33 0D | F | P | | | | | | |
| ~XX37 | | 5 | 7E 30 30 33 37 20 32 0D | F | P | | | | | | |
| ~XX37 | | 6 | 7E 30 30 33 37 20 34 0D | F | P | | | | | | |
| ~XX508 | | 1 | 7E 30 30 33 37 20 35 0D | F | P | | | | | | |
| ~XX508 | | 2 | 7E 30 30 33 37 20 36 0D | F | P | | | | | | |
| ~XX508 | | 3 | 7E 30 30 35 30 38 20 31 0D | F | P | | | | | | |
| ~XX508 | | 4 | 7E 30 30 35 30 38 20 32 0D | F | P | | | | | | |
| ~XX200 | | -50~50 | 7E 30 30 35 30 38 20 33 0D to 7E 30 30 35 30 38 20 34 0D | F | P | | | | | | |
| ~XX201 | | -50~50 | 7E 30 30 32 30 30 2D 35 30 0D to 7E 30 30 32 30 31 2D 35 30 0D | F | P | | | | | | |
| ~XX202 | | -50~50 | 7E 30 30 32 30 31 2D 35 30 0D to 7E 30 30 32 30 32 2D 35 30 0D | F | P | | | | | | |
| ~XX203 | | -50~50 | 7E 30 30 32 30 32 2D 35 30 0D to 7E 30 30 32 30 33 2D 35 30 0D | F | P | | | | | | |
| ~XX204 | | 1 | 7E 30 30 32 30 33 2D 35 30 0D | F | P | | | | | | |
| ~XX204 | | 0 | 7E 30 30 32 30 34 2D 31 0D | F | P | | | | | | |
| ~XX91 | | 0 | 7E 30 30 32 30 34 2D 30 0D | F | P | | | | | | |
| ~XX91 | | 1 | 7E 30 30 39 31 2D 30 0D | F | P | | | | | | |
| ~XX91 | | 3 | 7E 30 30 39 31 2D 31 0D | F | P | | | | | | |
| ~XX91 | | 4 | 7E 30 30 39 31 2D 33 0D | F | P | | | | | | |
| ~XX91 | | 4 | 7E 30 30 39 31 2D 34 0D | F | P | | | | | | |

Note : Some commands are not supported, it depends on models

| Level 1 | Level 2 | Level 3 | Level 4 | Level 5 | n value | |
|--------------|----------------|------------------|--------------------|---------------------------------|---------|--|
| Display | Image Settings | Signal | Frequency | -50 ~ 50 (depends on signal) | | |
| | | | Phase | 0~31 (depends on signal) | | |
| | | | H. Position | -50 ~ 50 (depends on signal) | | |
| | | | V. Position | -50 ~ 50 (depends on signal) | | |
| | | Gaming mode | Off On | | | |
| | | Lens Iris | 1~12 | | | |
| | | Extreme Black | Off On | | | |
| | | | Level | 0~5% | | |
| | | Dynamic Black | Off On | | | |
| | | Dynamic Contrast | | | | |
| | | Brightness Mode | Bright | | | |
| | | | Eco | | | |
| | | | Dynamic | | | |
| | | | Eco+ | | | |
| | | | Constant Power | | | |
| | | | Constant Luminance | | | |
| | | | Power | 100% | | |
| | | | | 95% | | |
| | | | | 90% | | |
| | | | | 85% | | |
| | | | | 80% | | |
| | | | | 75% | | |
| | | | | 70% | | |
| | | | | 65% | | |
| | | | | 60% | | |
| | | | | 55% | | |
| | | | 50% | | | |
| | | | Power Level | 1~100 | | |
| | | | DynamicBlack Off | | | |
| | | | DynamicBlack 1 | | | |
| | | DynamicBlack 2 | | | | |
| | | DynamicBlack 3 | | | | |
| | | PureEngine | UltraDetail | Off On HD+ | | |
| | | | | User | | |
| | | | | 1 | | |
| | | | | 2 | | |
| | | | 3 | | | |
| | | | User | 0% | | |
| | | | | 10% | | |
| | | | | 20% | | |
| | | | | 30% | | |
| | | | | 40% | | |
| | | | | 50% | | |
| | | | | 60% | | |
| | | | | 70% | | |
| | | | | 80% | | |
| | | | | 90% | | |
| | | | | 100% | | |
| | | | | 110% | | |
| | | | | 120% | | |
| 130% | | | | | | |
| 140% | | | | | | |
| 150% | | | | | | |
| PureContrast | Off | | | | | |

| Write Command | | | | | | Read Command | | | | | | | |
|---------------|-------|-----------|---|------|----------|--------------|---------|-----------|----------|------|------|----------|--|
| Command | | | | | Response | | Command | | | | | Response | |
| CMD | space | Set Para. | HEX Code | Fail | Pass | CMD | space | CMD Value | HEX Code | Fail | Pass | | |
| *XX73 | | -50~50 | 7E 30 30 37 33 20 2D 35 30 0D to 7E 30 30 37 33 20 35 30 0D | F | P | | | | | | | | |
| *XX74 | | 0~31 | 7E 30 30 37 34 20 30 0D to 7E 30 30 37 34 20 33 31 0D | F | P | | | | | | | | |
| *XX75 | | -50~50 | 7E 30 30 37 35 20 2D 35 30 0D to 7E 30 30 37 35 20 35 30 0D | F | P | | | | | | | | |
| *XX76 | | -50~50 | 7E 30 30 37 36 20 2D 35 30 0D to 7E 30 30 37 36 20 35 30 0D | F | P | | | | | | | | |
| *XX216 | | 1~12 | 7E 30 30 32 31 36 20 31 0D to | F | P | | | | | | | | |
| *XX218 | | 0 | 7E 30 30 32 31 36 20 31 32 0D | F | P | | | | | | | | |
| *XX218 | | 1 | 7E 30 30 32 31 38 20 31 0D | F | P | | | | | | | | |
| *XX218 | | 10~15% | 7E 30 30 32 31 38 20 31 30 0D to | F | P | | | | | | | | |
| *XX191 | | 0 | 7E 30 30 31 39 31 20 30 0D | F | P | | | | | | | | |
| *XX191 | | 1 | 7E 30 30 31 39 31 20 31 0D | F | P | | | | | | | | |
| *XX110 | | 1 | 7E 30 30 31 31 30 20 31 0D | F | P | | | | | | | | |
| *XX110 | | 2 | 7E 30 30 31 31 30 20 32 0D | F | P | | | | | | | | |
| *XX110 | | 4 | 7E 30 30 31 31 30 20 34 0D | F | P | | | | | | | | |
| *XX110 | | 3 | 7E 30 30 31 31 30 20 33 0D | F | P | | | | | | | | |
| *XX110 | | 6 | 7E 30 30 31 31 30 20 36 0D | F | P | | | | | | | | |
| *XX110 | | 7 | 7E 30 30 31 31 30 20 37 0D | F | P | | | | | | | | |
| *XX110 | | 5 | 7E 30 30 31 31 30 20 35 0D | F | P | | | | | | | | |
| *XX326 | | 0 | 7E 30 30 33 32 36 20 30 0D | F | P | | | | | | | | |
| *XX326 | | 1 | 7E 30 30 33 32 36 20 31 0D | F | P | | | | | | | | |
| *XX326 | | 2 | 7E 30 30 33 32 36 20 32 0D | F | P | | | | | | | | |
| *XX326 | | 3 | 7E 30 30 33 32 36 20 33 0D | F | P | | | | | | | | |
| *XX326 | | 4 | 7E 30 30 33 32 36 20 34 0D | F | P | | | | | | | | |
| *XX326 | | 5 | 7E 30 30 33 32 36 20 35 0D | F | P | | | | | | | | |
| *XX326 | | 6 | 7E 30 30 33 32 36 20 36 0D | F | P | | | | | | | | |
| *XX326 | | 7 | 7E 30 30 33 32 36 20 37 0D | F | P | | | | | | | | |
| *XX326 | | 8 | 7E 30 30 33 32 36 20 38 0D | F | P | | | | | | | | |
| *XX326 | | 9 | 7E 30 30 33 32 36 20 39 0D | F | P | | | | | | | | |
| *XX326 | | 10 | 7E 30 30 33 32 36 20 31 30 0D to | F | P | | | | | | | | |
| *XX191 | | 0 | 7E 30 30 33 32 36 20 31 30 0D | F | P | | | | | | | | |
| *XX191 | | 1 | 7E 30 30 31 39 31 20 30 0D | F | P | | | | | | | | |
| *XX191 | | 2 | 7E 30 30 31 39 31 20 32 0D | F | P | | | | | | | | |
| *XX191 | | 3 | 7E 30 30 31 39 31 20 33 0D | F | P | | | | | | | | |
| *XX41 | | 0 | 7E 30 30 34 31 20 30 0D | F | P | | | | | | | | |
| *XX41 | | 1 | 7E 30 30 34 31 20 31 0D | F | P | | | | | | | | |
| *XX41 | | 2 | 7E 30 30 34 31 20 32 0D | F | P | | | | | | | | |
| *XX41 | | 3 | 7E 30 30 34 31 20 33 0D | F | P | | | | | | | | |
| *XX41 | | 4 | 7E 30 30 34 31 20 34 0D | F | P | | | | | | | | |
| *XX41 | | 5 | 7E 30 30 34 31 20 35 0D | F | P | | | | | | | | |
| *XX41 | | 6 | 7E 30 30 34 31 20 36 0D | F | P | | | | | | | | |
| *XX431 | | 0 | 7E 30 30 34 33 31 20 30 0D | F | P | | | | | | | | |
| *XX431 | | 1 | 7E 30 30 34 33 31 20 31 0D | F | P | | | | | | | | |
| *XX431 | | 2 | 7E 30 30 34 33 31 20 32 0D | F | P | | | | | | | | |
| *XX431 | | 3 | 7E 30 30 34 33 31 20 33 0D | F | P | | | | | | | | |
| *XX431 | | 4 | 7E 30 30 34 33 31 20 34 0D | F | P | | | | | | | | |
| *XX431 | | 5 | 7E 30 30 34 33 31 20 35 0D | F | P | | | | | | | | |
| *XX431 | | 6 | 7E 30 30 34 33 31 20 36 0D | F | P | | | | | | | | |
| *XX431 | | 7 | 7E 30 30 34 33 31 20 37 0D | F | P | | | | | | | | |
| *XX431 | | 8 | 7E 30 30 34 33 31 20 38 0D | F | P | | | | | | | | |
| *XX431 | | 9 | 7E 30 30 34 33 31 20 39 0D | F | P | | | | | | | | |
| *XX431 | | 10 | 7E 30 30 34 33 31 20 31 30 0D | F | P | | | | | | | | |
| *XX431 | | 11 | 7E 30 30 34 33 31 20 31 31 0D | F | P | | | | | | | | |
| *XX431 | | 12 | 7E 30 30 34 33 31 20 31 32 0D | F | P | | | | | | | | |
| *XX431 | | 13 | 7E 30 30 34 33 31 20 31 33 0D | F | P | | | | | | | | |
| *XX431 | | 14 | 7E 30 30 34 33 31 20 31 34 0D | F | P | | | | | | | | |
| *XX431 | | 15 | 7E 30 30 34 33 31 20 31 35 0D | F | P | | | | | | | | |
| *XX219 | | 0 | 7E 30 30 32 31 39 20 30 0D | F | P | | | | | | | | |

Note : Some commands are not supported, it depends on models

| Level 1 | Level 2 | Level 3 | Level 4 | Level 5 | n value |
|------------------|------------------|-----------------|----------------|---------|---------|
| Image Settings | PureColor | PureContrast | On | | |
| | | PureColor | Off | | |
| | | PureColor | 1 | | |
| | | PureColor | 2 | | |
| | | PureColor | 3 | | |
| | | PureColor | 4 | | |
| | | PureColor | 5 | | |
| | | PureMotion | Off | | |
| | | PureMotion | 1 | | |
| | | PureMotion | 2 | | |
| | | PureMotion | 3 | | |
| | | PureMotion Demo | Off | | |
| | | PureMotion Demo | H Split | | |
| | | PureMotion Demo | V Split | | |
| | | Darbee Settings | Mode | Hi-Def | |
| | Mode | | Gaming | | |
| | Mode | | Full Pop | | |
| | Mode | | Off | | |
| | Level | | 0%~120% | | |
| | Demo Mode | Off | | | |
| | Demo Mode | Split Screen | | | |
| | Demo Mode | Swipe Screen | | | |
| | Reset | | | | |
| | 3D | 3D Mode | Off | | |
| | | | DLP-Link | | |
| | | | IR / VESA | | |
| | | 3D Mode | Off | | |
| | | | On | | |
| | | 3D-2D | 3D | | |
| | | | L | | |
| | | 3D Format | R | | |
| | | | Auto | | |
| | | | SBS | | |
| | | | Top and Bottom | | |
| Frame Sequential | | | | | |
| Frame Packing | | | | | |
| Off | | | | | |
| 3D sync invert | | Off | | | |
| | | On | | | |
| 2D-3D | | Off | | | |
| | | 1 | | | |
| | | 2 | | | |
| Reset | | | | | |
| Aspect Ratio | [None] | | | | |
| | 4:3 | | | | |
| | 16:9 | | | | |
| | 16:10 | | | | |
| | LBX | | | | |
| | Superwide | | | | |
| | Native | | | | |
| | Auto | | | | |
| | Auto235 | | | | |
| | Auto235_Subtitle | | | | |
| Auto 3D | | | | | |
| Edge Mask | 0~10 | | | | |
| Zoom Plus | | | | | |

| Write Command | | | | Response | |
|---------------|-------|-----------|---|----------|------|
| CMD | space | Set Para. | HEX Code | Fail | Pass |
| ~XX219 | | 1 | 7E 30 30 32 31 39 20 31 0D | F | P |
| ~XX42 | | 0 | 7E 30 30 34 32 20 30 0D | F | P |
| ~XX42 | | 1 | 7E 30 30 34 32 20 31 0D | F | P |
| ~XX42 | | 2 | 7E 30 30 34 32 20 32 0D | F | P |
| ~XX42 | | 3 | 7E 30 30 34 32 20 33 0D | F | P |
| ~XX42 | | 4 | 7E 30 30 34 32 20 34 0D | F | P |
| ~XX42 | | 5 | 7E 30 30 34 32 20 35 0D | F | P |
| ~XX190 | | 0 | 7E 30 30 31 39 30 20 30 0D | F | P |
| ~XX190 | | 1 | 7E 30 30 31 39 30 20 31 0D | F | P |
| ~XX190 | | 2 | 7E 30 30 31 39 30 20 32 0D | F | P |
| ~XX190 | | 3 | 7E 30 30 31 39 30 20 33 0D | F | P |
| ~XX197 | | 0 | 7E 30 30 31 39 37 20 30 0D | F | P |
| ~XX197 | | 1 | 7E 30 30 31 39 37 20 31 0D | F | P |
| ~XX197 | | 2 | 7E 30 30 31 39 37 20 32 0D | F | P |
| ~XX509 | | 1 | 7E 30 30 35 30 39 20 31 0D | F | P |
| ~XX230 | | 0 | 7E 30 30 32 33 30 20 30 0D | F | P |
| ~XX230 | | 1 | 7E 30 30 32 33 30 20 31 0D | F | P |
| ~XX230 | | 3 | 7E 30 30 32 33 30 20 33 0D | F | P |
| ~XX230 | | 0 | 7E 30 30 32 33 30 20 30 0D | F | P |
| ~XX230 | | 4 | 7E 30 30 32 33 30 20 34 0D | F | P |
| ~XX400 | | 0 | 7E 30 30 34 30 30 20 30 0D | F | P |
| ~XX400 | | 1 | 7E 30 30 34 30 30 20 31 0D | F | P |
| ~XX400 | | 2 | 7E 30 30 34 30 30 20 32 0D | F | P |
| ~XX405 | | 0 | 7E 30 30 34 30 35 20 30 0D | F | P |
| ~XX405 | | 1 | 7E 30 30 34 30 35 20 31 0D | F | P |
| ~XX405 | | 2 | 7E 30 30 34 30 35 20 32 0D | F | P |
| ~XX405 | | 3 | 7E 30 30 34 30 35 20 33 0D | F | P |
| ~XX405 | | 7 | 7E 30 30 34 30 35 20 37 0D | F | P |
| ~XX405 | | 8 | 7E 30 30 34 30 35 20 38 0D | F | P |
| ~XX231 | | 0 | 7E 30 30 32 33 31 20 30 0D | F | P |
| ~XX231 | | 1 | 7E 30 30 32 33 31 20 31 0D | F | P |
| ~XX402 | | 0 | 7E 30 30 34 30 32 20 30 0D | F | P |
| ~XX402 | | 1 | 7E 30 30 34 30 32 20 31 0D | F | P |
| ~XX402 | | 2 | 7E 30 30 34 30 32 20 32 0D | F | P |
| ~XX402 | | 3 | 7E 30 30 34 30 32 20 33 0D | F | P |
| ~XX234 | | 1 | 7E 30 30 32 33 34 20 31 0D | F | P |
| ~XX60 | | 1 | 7E 30 30 36 30 20 31 0D | F | P |
| ~XX60 | | 2 | 7E 30 30 36 30 20 32 0D | F | P |
| ~XX60 | | 3 | 7E 30 30 36 30 20 33 0D | F | P |
| ~XX60 | | 5 | 7E 30 30 36 30 20 35 0D | F | P |
| ~XX60 | | 9 | 7E 30 30 36 30 20 39 0D | F | P |
| ~XX60 | | 6 | 7E 30 30 36 30 20 36 0D | F | P |
| ~XX60 | | 7 | 7E 30 30 36 30 20 37 0D | F | P |
| ~XX60 | | 8 | 7E 30 30 36 30 20 38 0D | F | P |
| ~XX60 | | 11 | 7E 30 30 36 30 20 31 31 0D | F | P |
| ~XX60 | | 12 | 7E 30 30 36 30 20 31 32 0D | F | P |
| ~XX61 | | 0~10 | 7E 30 30 36 31 20 30 20 0D to 7E 30 30 36 31 20 20 31 30 0D | F | P |
| ~XX05 | | 1 | 7E 30 30 30 35 20 31 0D | F | P |

| Read Command | | | | Response | |
|--------------|-------|-----------|----------------------------|----------|--------|
| CMD | space | CMD Value | HEX Code | Fail | Pass |
| ~XX127 | | 1 | 7E 30 30 31 32 37 20 31 0D | F | O k 0 |
| ~XX127 | | 1 | 7E 30 30 31 32 37 20 31 0D | F | O k 1 |
| ~XX127 | | 1 | 7E 30 30 31 32 37 20 31 0D | F | O k 2 |
| ~XX127 | | 1 | 7E 30 30 31 32 37 20 31 0D | F | O k 3 |
| ~XX127 | | 1 | 7E 30 30 31 32 37 20 31 0D | F | O k 5 |
| ~XX127 | | 1 | 7E 30 30 31 32 37 20 31 0D | F | O k 9 |
| ~XX127 | | 1 | 7E 30 30 31 32 37 20 31 0D | F | O k 6 |
| ~XX127 | | 1 | 7E 30 30 31 32 37 20 31 0D | F | O k 7 |
| ~XX127 | | 1 | 7E 30 30 31 32 37 20 31 0D | F | O k 8 |
| ~XX127 | | 1 | 7E 30 30 31 32 37 20 31 0D | F | O k 11 |
| ~XX127 | | 1 | 7E 30 30 31 32 37 20 31 0D | F | O k 12 |

Note : Some commands are not supported, it depends on models

| Level 1 | Level 2 | Level 3 | Level 4 | Level 5 | n value |
|------------------------------------|---------------|-----------------------------------|---------|---------|---------|
| Zoom | -5~25 | | | | |
| | Zoom Minus | | | | |
| Digital Zoom (depends on model) | H Zoom | 0 ~ 100 | | | |
| | V Zoom | 0 ~ 100 | | | |
| Image shift | H+ | | | | |
| | H | -100 ~ 100 (Depends on models) | | | |
| | H- | | | | |
| | V+ | | | | |
| Image shift | V | -100 ~ 100 (Depends on models) | | | |
| | V- | | | | |
| H Keystone | -40 ~ 40 | | | | |
| V Keystone | -40 ~ 40 | | | | |
| Four Corners | top-left | H: 0~120 | | | |
| | | V: 0~80 | | | |
| | | right +1 | | | |
| | | left +1 | | | |
| | | up +1 | | | |
| | | down +1 | | | |
| | top right | H: 0~120 | | | |
| | | V: 0~80 | | | |
| | | right +1 | | | |
| | | left +1 | | | |
| | | up +1 | | | |
| | | down +1 | | | |
| | Bottom-left | H: 0~120 | | | |
| | | V: 0~80 | | | |
| | | right +1 | | | |
| | | left +1 | | | |
| | | up +1 | | | |
| | | down +1 | | | |
| | Bottom-right | H: 0~120 | | | |
| | | V: 0~80 | | | |
| | | right +1 | | | |
| | | left +1 | | | |
| | | up +1 | | | |
| | | down +1 | | | |
| Four Corners Reset | | | | | |
| Geometric Correction | H Arc | -10~+10 | | | |
| | V Arc | -10~+10 | | | |
| | H Keystone | -40 ~ 40 | | | |
| | V Keystone | -40 ~ 40 | | | |
| | Auto Keystone | Off | | | |

| Write Command | | | | Response | |
|---------------|-------|-----------|--|----------|------|
| CMD | space | Set Para. | HEX Code | Fail | Pass |
| | | | | | |
| ~XX62 | | -5~25 | 7E 30 30 36 32 20 2D 35 0D to 7E 30 30 36 32 20 32 35 0D | F | P |
| ~XX06 | | 1 | 7E 30 30 30 36 20 31 0D 7E 30 30 35 30 34 20 30 0D | F | P |
| ~XX504 | | 0~100 | 7E 30 30 35 30 34 20 31 0D to 7E 30 30 35 30 34 20 31 30 30 0D 7E 30 30 35 30 35 20 30 0D | F | P |
| ~XX505 | | 0~100 | 7E 30 30 35 30 35 20 31 30 30 0D to 7E 30 30 35 34 30 20 32 0D | F | P |
| ~XX540 | | 2 | 7E 30 30 36 33 20 2D 31 30 30 0D to 7E 30 30 36 33 20 31 30 30 0D | F | P |
| ~XX540 | | 1 | 7E 30 30 35 34 30 20 31 0D | F | P |
| ~XX541 | | 2 | 7E 30 30 35 34 31 20 32 0D | F | P |
| ~XX64 | | -100~100 | 7E 30 30 36 34 20 2D 31 30 30 0D to 7E 30 30 36 34 20 31 30 30 0D | F | P |
| ~XX541 | | 1 | 7E 30 30 35 34 31 20 31 0D | F | P |
| ~XX65 | | -40~40 | 7E 30 30 36 35 20 2D 34 30 0D to 7E 30 30 36 35 20 34 30 0D | F | P |
| ~XX66 | | -40~40 | 7E 30 30 36 36 20 2D 34 30 0D to 7E 30 30 36 36 20 34 30 0D | F | P |
| ~XX58 | | 1 | 7E 30 30 35 38 20 31 0D | F | P |
| ~XX58 | | 2 | 7E 30 30 35 38 20 32 0D | F | P |
| ~XX59 | | 1 | 7E 30 30 35 39 20 31 0D | F | P |
| ~XX59 | | 2 | 7E 30 30 35 39 20 32 0D | F | P |
| ~XX59 | | 3 | 7E 30 30 35 39 20 33 0D | F | P |
| ~XX59 | | 4 | 7E 30 30 35 39 20 34 0D | F | P |
| ~XX58 | | 3 | 7E 30 30 35 38 20 33 0D | F | P |
| ~XX58 | | 4 | 7E 30 30 35 38 20 34 0D | F | P |
| ~XX59 | | 5 | 7E 30 30 35 39 20 35 0D | F | P |
| ~XX59 | | 6 | 7E 30 30 35 39 20 36 0D | F | P |
| ~XX59 | | 7 | 7E 30 30 35 39 20 37 0D | F | P |
| ~XX59 | | 8 | 7E 30 30 35 39 20 38 0D | F | P |
| ~XX58 | | 5 | 7E 30 30 35 38 20 35 0D | F | P |
| ~XX58 | | 6 | 7E 30 30 35 38 20 36 0D | F | P |
| ~XX59 | | 9 | 7E 30 30 35 39 20 39 0D | F | P |
| ~XX59 | | 10 | 7E 30 30 35 39 20 31 30 0D | F | P |
| ~XX59 | | 11 | 7E 30 30 35 39 20 31 31 0D | F | P |
| ~XX59 | | 12 | 7E 30 30 35 39 20 31 32 0D | F | P |
| ~XX58 | | 7 | 7E 30 30 35 38 20 37 0D | F | P |
| ~XX58 | | 8 | 7E 30 30 35 38 20 38 0D | F | P |
| ~XX59 | | 13 | 7E 30 30 35 39 20 31 33 0D | F | P |
| ~XX59 | | 14 | 7E 30 30 35 39 20 31 34 0D | F | P |
| ~XX59 | | 15 | 7E 30 30 35 39 20 31 35 0D | F | P |
| ~XX59 | | 16 | 7E 30 30 35 39 20 31 36 0D | F | P |
| ~XX516 | | 1 | 7E 30 30 35 31 36 20 31 0D 7E 30 30 33 30 30 2D 31 30 0D to 7E 30 30 33 30 30 2D 31 30 0D | F | P |
| ~XX300 | | -10~10 | 7E 30 30 33 30 30 2D 31 30 0D to 7E 30 30 33 30 31 20 2D 31 30 0D | F | P |
| ~XX301 | | -10~10 | 7E 30 30 33 30 31 20 31 30 0D to 7E 30 30 36 35 20 2D 34 30 0D | F | P |
| ~XX65 | | -40~40 | 7E 30 30 36 35 20 2D 34 30 0D to 7E 30 30 36 35 20 34 30 0D | F | P |
| ~XX66 | | -40~40 | 7E 30 30 36 36 20 2D 34 30 0D to 7E 30 30 36 36 20 34 30 0D | F | P |
| ~XX69 | | 0 | 7E 30 30 36 36 20 34 30 0D to 7E 30 30 36 39 20 30 0D | F | P |

| Read Command | | | | Response | |
|--------------|-------|-----------|----------------------------|----------|--------------|
| CMD | space | CMD Value | HEX Code | Fail | Pass |
| | | | | | |
| ~XX543 | | 8 | 7E 30 30 35 34 33 20 38 0D | F | O k 0~100 |
| ~XX543 | | 7 | 7E 30 30 35 34 33 20 37 0D | F | O k 0~100 |
| ~XX543 | | 1 | 7E 30 30 35 34 33 20 31 0D | F | O k -100~100 |
| ~XX543 | | 2 | 7E 30 30 35 34 33 20 32 0D | F | O k -100~100 |
| ~XX543 | | 4 | 7E 30 30 35 34 33 20 34 0D | F | O k -40~40 |
| ~XX543 | | 3 | 7E 30 30 35 34 33 20 33 0D | F | O k -40~40 |
| ~XX543 | | 6 | 7E 30 30 35 34 33 20 36 0D | F | O k -10~10 |
| ~XX543 | | 5 | 7E 30 30 35 34 33 20 35 0D | F | O k -10~10 |
| ~XX543 | | 4 | 7E 30 30 35 34 33 20 34 0D | F | O k -40~40 |
| ~XX543 | | 3 | 7E 30 30 35 34 33 20 33 0D | F | O k -40~40 |

Note : Some commands are not supported, it depends on models

| Level 1 | Level 2 | Level 3 | Level 4 | Level 5 | n value |
|-----------------|-----------|---------------|------------------|-------------|---------|
| Display | PIP - PBP | Auto Keystone | On | | |
| | | Reset | | | |
| | | Screen | Off | | |
| | | | PIP | | |
| | | | PBP | | |
| | | Location | Top Left | | |
| | | | Top Right | | |
| | | | Bottom Left | | |
| | | | Bottom Right | | |
| | | | PBP, Main Left | | |
| | | | PBP, Main Top | | |
| | | | PBP, Main Right | | |
| | | | PBP, Main Bottom | | |
| | | Size | Large | | |
| | | | Medium | | |
| | | | Small | | |
| | | Main Source | [no signal] | | |
| | | | HDMI1/MHL | | |
| | | | HDMI2 | | |
| | | | HDMI2/MHL | | |
| | | | HDMI3 | | |
| | | | DVI-D | | |
| | | | DVI-A | | |
| | | | VGA | | |
| | | | VGA1 | | |
| | | | VGA2 | | |
| | | | Component | | |
| | | | S-Video | | |
| | | | Video | | |
| | | | DisplayPort | | |
| | | | HDBaseT | | |
| | | | BNC | | |
| | | | Wireless | | |
| | | | Flash Drive | | |
| | | | Network Display | | |
| | | | USB Display | | |
| | | | Multimedia | | |
| | | | 3G-SDI | | |
| | | | Smart TV | | |
| | | | Sub Source | [no signal] | |
| | | HDMI1 | | | |
| | | VGA 1 | | | |
| | | Component | | | |
| | | HDMI 2 | | | |
| | | HDMI 3 | | | |
| | | VGA 2 | | | |
| | | BNC | | | |
| S-video | | | | | |
| Vedio | | | | | |
| DVI-D | | | | | |
| HDBaseT | | | | | |
| 3G-SDI | | | | | |
| Network Display | | | | | |
| Wireless | | | | | |
| Flash Drive | | | | | |
| USB Display | | | | | |
| DisplayPort | | | | | |
| Swap | | | | | |

| Write Command | | | | Response | |
|---------------|-------|-----------|-------------------------------|----------|------|
| CMD | space | Set Para. | HEX Code | Fail | Pass |
| ~XX69 | | 1 | 7E 30 30 36 39 20 31 0D | F | P |
| ~XX561 | | 1 | 7E 30 30 35 36 31 20 31 0D | F | P |
| ~XX302 | | 0 | 7E 30 30 33 30 32 20 30 0D | F | P |
| ~XX302 | | 1 | 7E 30 30 33 30 32 20 31 0D | F | P |
| ~XX302 | | 2 | 7E 30 30 33 30 32 20 32 0D | F | P |
| ~XX303 | | 1 | 7E 30 30 33 30 33 20 31 0D | F | P |
| ~XX303 | | 2 | 7E 30 30 33 30 33 20 32 0D | F | P |
| ~XX303 | | 3 | 7E 30 30 33 30 33 20 33 0D | F | P |
| ~XX303 | | 4 | 7E 30 30 33 30 33 20 34 0D | F | P |
| ~XX303 | | 5 | 7E 30 30 33 30 33 20 35 0D | F | P |
| ~XX303 | | 6 | 7E 30 30 33 30 33 20 36 0D | F | P |
| ~XX303 | | 7 | 7E 30 30 33 30 33 20 37 0D | F | P |
| ~XX303 | | 8 | 7E 30 30 33 30 33 20 38 0D | F | P |
| ~XX304 | | 1 | 7E 30 30 33 30 34 20 31 0D | F | P |
| ~XX304 | | 2 | 7E 30 30 33 30 34 20 32 0D | F | P |
| ~XX304 | | 3 | 7E 30 30 33 30 34 20 33 0D | F | P |
| ~XX12 | | 1 | 7E 30 30 31 32 20 31 0D | F | P |
| ~XX12 | | 15 | 7E 30 30 31 32 20 31 35 0D | F | P |
| ~XX12 | | 15 | 7E 30 30 31 32 20 31 35 0D | F | P |
| ~XX12 | | 16 | 7E 30 30 31 32 20 31 36 0D | F | P |
| ~XX12 | | 2 | 7E 30 30 31 32 20 32 0D | F | P |
| ~XX12 | | 3 | 7E 30 30 31 32 20 33 0D | F | P |
| ~XX12 | | 5 | 7E 30 30 31 32 20 35 0D | F | P |
| ~XX12 | | 5 | 7E 30 30 31 32 20 35 0D | F | P |
| ~XX12 | | 6 | 7E 30 30 31 32 20 36 0D | F | P |
| ~XX12 | | 14 | 7E 30 30 31 32 20 31 34 0D | F | P |
| ~XX12 | | 9 | 7E 30 30 31 32 20 39 0D | F | P |
| ~XX12 | | 10 | 7E 30 30 31 32 20 31 30 0D | F | P |
| ~XX12 | | 20 | 7E 30 30 31 32 20 32 30 0D | F | P |
| ~XX12 | | 21 | 7E 30 30 31 32 20 32 31 0D | F | P |
| ~XX12 | | 4 | 7E 30 30 31 32 20 34 0D | F | P |
| ~XX12 | | 11 | 7E 30 30 31 32 20 31 31 0D | F | P |
| ~XX12 | | 17 | 7E 30 30 31 32 20 31 37 0D | F | P |
| ~XX12 | | 18 | 7E 30 30 31 32 20 31 38 0D | F | P |
| ~XX12 | | 19 | 7E 30 30 31 32 20 31 39 0D | F | P |
| ~XX12 | | 23 | 7E 30 30 31 32 20 32 33 0D | F | P |
| ~XX12 | | 22 | 7E 30 30 31 32 20 32 32 0D | F | P |
| ~XX12 | | 24 | 7E 30 30 31 32 20 32 34 0D | F | P |
| ~XX305 | | 1 | 7E 30 30 33 30 35 20 31 0D | F | P |
| ~XX305 | | 2 | 7E 30 30 33 30 35 20 32 0D | F | P |
| ~XX305 | | 3 | 7E 30 30 33 30 35 20 33 0D | F | P |
| ~XX305 | | 4 | 7E 30 30 33 30 35 20 34 0D | F | P |
| ~XX305 | | 13 | 7E 30 30 33 30 35 20 31 33 0D | F | P |
| ~XX305 | | 5 | 7E 30 30 33 30 35 20 35 0D | F | P |
| ~XX305 | | 6 | 7E 30 30 33 30 35 20 36 0D | F | P |
| ~XX305 | | 7 | 7E 30 30 33 30 35 20 37 0D | F | P |
| ~XX305 | | 8 | 7E 30 30 33 30 35 20 38 0D | F | P |
| ~XX305 | | 9 | 7E 30 30 33 30 35 20 39 0D | F | P |
| ~XX305 | | 10 | 7E 30 30 33 30 35 20 31 30 0D | F | P |
| ~XX305 | | 11 | 7E 30 30 33 30 35 20 31 31 0D | F | P |
| ~XX305 | | 12 | 7E 30 30 33 30 35 20 31 32 0D | F | P |
| ~XX305 | | 14 | 7E 30 30 33 30 35 20 31 34 0D | F | P |
| ~XX305 | | 15 | 7E 30 30 33 30 35 20 31 35 0D | F | P |
| ~XX305 | | 16 | 7E 30 30 33 30 35 20 31 36 0D | F | P |
| ~XX305 | | 17 | 7E 30 30 33 30 35 20 31 37 0D | F | P |
| ~XX306 | | 1 | 7E 30 30 33 30 36 20 31 0D | F | P |

| Read Command | | | | Response | |
|--------------|-------|-----------|----------------------------|----------|--------|
| CMD | space | CMD Value | HEX Code | Fail | Pass |
| ~XX121 | | 1 | 7E 30 30 31 32 31 20 31 0D | F | O k 0 |
| ~XX121 | | 1 | 7E 30 30 31 32 31 20 31 0D | F | O k 7 |
| ~XX121 | | 1 | 7E 30 30 31 32 31 20 31 0D | F | O k 8 |
| ~XX121 | | 1 | 7E 30 30 31 32 31 20 31 0D | F | O k 8 |
| ~XX121 | | 1 | 7E 30 30 31 32 31 20 31 0D | F | O k 9 |
| ~XX121 | | 1 | 7E 30 30 31 32 31 20 31 0D | F | O k 1 |
| ~XX121 | | 1 | 7E 30 30 31 32 31 20 31 0D | F | O k 1 |
| ~XX121 | | 1 | 7E 30 30 31 32 31 20 31 0D | F | O k 2 |
| ~XX121 | | 1 | 7E 30 30 31 32 31 20 31 0D | F | O k 2 |
| ~XX121 | | 1 | 7E 30 30 31 32 31 20 31 0D | F | O k 3 |
| ~XX121 | | 1 | 7E 30 30 31 32 31 20 31 0D | F | O k 11 |
| ~XX121 | | 1 | 7E 30 30 31 32 31 20 31 0D | F | O k 4 |
| ~XX121 | | 1 | 7E 30 30 31 32 31 20 31 0D | F | O k 5 |
| ~XX121 | | 1 | 7E 30 30 31 32 31 20 31 0D | F | O k 15 |
| ~XX121 | | 1 | 7E 30 30 31 32 31 20 31 0D | F | O k 16 |
| ~XX121 | | 1 | 7E 30 30 31 32 31 20 31 0D | F | O k 6 |
| ~XX121 | | 1 | 7E 30 30 31 32 31 20 31 0D | F | O k 10 |
| ~XX121 | | 1 | 7E 30 30 31 32 31 20 31 0D | F | O k 12 |
| ~XX121 | | 1 | 7E 30 30 31 32 31 20 31 0D | F | O k 13 |
| ~XX121 | | 1 | 7E 30 30 31 32 31 20 31 0D | F | O k 14 |
| ~XX121 | | 1 | 7E 30 30 31 32 31 20 31 0D | F | O k 17 |
| ~XX121 | | 1 | 7E 30 30 31 32 31 20 31 0D | F | O k 18 |
| ~XX121 | | 1 | 7E 30 30 31 32 31 20 31 0D | F | O k 20 |
| ~XX131 | | 1 | 7E 30 30 31 33 31 20 31 0D | F | O k 0 |
| ~XX131 | | 1 | 7E 30 30 31 33 31 20 31 0D | F | O k 7 |
| ~XX131 | | 1 | 7E 30 30 31 33 31 20 31 0D | F | O k 2 |
| ~XX131 | | 1 | 7E 30 30 31 33 31 20 31 0D | F | O k 11 |
| ~XX131 | | 1 | 7E 30 30 31 33 31 20 31 0D | F | O k 8 |
| ~XX131 | | 1 | 7E 30 30 31 33 31 20 31 0D | F | O k 9 |
| ~XX131 | | 1 | 7E 30 30 31 33 31 20 31 0D | F | O k 3 |
| ~XX131 | | 1 | 7E 30 30 31 33 31 20 31 0D | F | O k 6 |
| ~XX131 | | 1 | 7E 30 30 31 33 31 20 31 0D | F | O k 4 |
| ~XX131 | | 1 | 7E 30 30 31 33 31 20 31 0D | F | O k 5 |
| ~XX131 | | 1 | 7E 30 30 31 33 31 20 31 0D | F | O k 1 |
| ~XX131 | | 1 | 7E 30 30 31 33 31 20 31 0D | F | O k 16 |
| ~XX131 | | 1 | 7E 30 30 31 33 31 20 31 0D | F | O k 17 |
| ~XX131 | | 1 | 7E 30 30 31 33 31 20 31 0D | F | O k 13 |
| ~XX131 | | 1 | 7E 30 30 31 33 31 20 31 0D | F | O k 10 |
| ~XX131 | | 1 | 7E 30 30 31 33 31 20 31 0D | F | O k 12 |
| ~XX131 | | 1 | 7E 30 30 31 33 31 20 31 0D | F | O k 14 |
| ~XX131 | | 1 | 7E 30 30 31 33 31 20 31 0D | F | O k 15 |

Note : Some commands are not supported, it depends on models

| Level 1 | Level 2 | Level 3 | Level 4 | Level 5 | n value | |
|---------------------|---------------------------|-----------------------|---------|---------|---------|--|
| Audio | Internal Speaker | Off | | | | |
| | | On | | | | |
| | Mute | Off | | | | |
| | | On | | | | |
| | Mic | Off | | | | |
| | | On | | | | |
| | Volume | 0 - 10 | | | | |
| | Mic Volume | 0 - 10 | | | | |
| | Audio Input | Default | | | | |
| | | Audio 1(Mini-jack) | | | | |
| | | RCA | | | | |
| | | Audio 2 | | | | |
| | | Audio 3 | | | | |
| | | Audio 4 | | | | |
| | | HDMI 1 | | | | |
| | | HDMI 2 | | | | |
| | | Audio 5/Displayport | | | | |
| | Audio Delay | 0ms | | | | |
| | | 2ms | | | | |
| | | 4ms | | | | |
| | | 6ms | | | | |
| Audio Out (Standby) | Off | | | | | |
| | On | | | | | |
| SRS | Off | | | | | |
| | On | | | | | |
| Treble | -10 ~ 10 | | | | | |
| Bass | -10 ~ 10 | | | | | |
| Setup | Projection | Front | | | | |
| | | Rear | | | | |
| | | Ceiling-top | | | | |
| | | Rear-top | | | | |
| | | Ceiling Mount | Off | | | |
| | | | On | | | |
| | | | Auto | | | |
| | Rear Projection | Off | | | | |
| | On | | | | | |
| | Screen Type | 16:9 | | | | |
| | | 16:10 | | | | |
| | Lamp Settings | Lamp Mode | Dual | | | |
| | | | Relay | | | |
| | | | Lamp 1 | | | |
| | | | Lamp 2 | | | |
| | | | Off | | | |
| | | Lamp Reminder | On | | | |
| | | Lamp Reset | | | | |
| | | Lamp1 Reset | | | | |
| | | Lamp2 Reset | | | | |
| | | Reset Lamp1 and Lamp2 | | | | |
| Filter Settings | Filter Usage Hours | | | | | |
| | Optional Filter Installed | No | | | | |
| | | Yes | | | | |
| | Filter Reminder | Off | | | | |
| | | 300hr | | | | |
| | | 500hr | | | | |
| | | 800hr | | | | |
| 1000hr | | | | | | |
| Filter Reset | | | | | | |
| Lens Function | Lens Function | Lock | | | | |
| | | Unlock | | | | |
| | | Up | | | | |
| | Lens Shift | Down | | | | |
| | | Left | | | | |
| | | Right | | | | |
| | | Yes | | | | |
| | Lens Calibration | No | | | | |
| | | UST | Yes | | | |
| | | No | | | | |
| | | UST | No | | | |
| | | WT1 | | | | |
| | | No | | | | |

| Write Command | | | | | |
|---------------|-------|-----------|--|----------|------|
| CMD | space | Set Para. | HEX Code | Response | |
| | | | | Fail | Pass |
| *XX310 | | 0 | 7E 30 30 33 31 30 20 30 0D | F | P |
| *XX310 | | 1 | 7E 30 30 33 31 30 20 31 0D | F | P |
| *XX80 | | 0 | 7E 30 30 38 30 20 30 0D | F | P |
| *XX80 | | 1 | 7E 30 30 38 30 20 31 0D | F | P |
| *XX562 | | 0 | 7E 30 30 35 36 32 20 30 0D | F | P |
| *XX562 | | 1 | 7E 30 30 35 36 32 20 31 0D | F | P |
| *XX81 | | 0~10 | to 7E 30 30 38 31 20 31 30 0D | F | P |
| *XX93 | | 0~10 | to 7E 30 30 39 33 20 31 30 0D | F | P |
| *XX89 | | 0 | 7E 30 30 38 39 20 30 0D | F | P |
| *XX89 | | 1 | 7E 30 30 38 39 20 31 0D | F | P |
| *XX89 | | 2 | 7E 30 30 38 39 20 32 0D | F | P |
| *XX89 | | 3 | 7E 30 30 38 39 20 33 0D | F | P |
| *XX89 | | 4 | 7E 30 30 38 39 20 34 0D | F | P |
| *XX89 | | 5 | 7E 30 30 38 39 20 35 0D | F | P |
| *XX89 | | 6 | 7E 30 30 38 39 20 36 0D | F | P |
| *XX89 | | 7 | 7E 30 30 38 39 20 37 0D | F | P |
| *XX89 | | 8 | 7E 30 30 38 39 20 38 0D | F | P |
| *XX89 | | 9 | 7E 30 30 38 39 20 39 0D | F | P |
| *XX510 | | 0 | 7E 30 30 35 31 30 20 30 0D | F | P |
| *XX510 | | 1 | 7E 30 30 35 31 30 20 31 0D | F | P |
| *XX94 | | 0 | 7E 30 30 39 34 20 30 0D | F | P |
| *XX94 | | 1 | 7E 30 30 39 34 20 31 0D | F | P |
| *XX95 | | -10 ~ 10 | 7E 30 30 39 35 20 2D 31 30 20 0D to | F | P |
| *XX96 | | -10 ~ 10 | 7E 30 30 39 35 20 2D 31 30 20 0D to | F | P |
| *XX71 | | 1 | 7E 30 30 39 36 20 20 31 30 0D | F | P |
| *XX71 | | 2 | 7E 30 30 37 31 20 31 0D | F | P |
| *XX71 | | 3 | 7E 30 30 37 31 20 32 0D | F | P |
| *XX71 | | 4 | 7E 30 30 37 31 20 33 0D | F | P |
| *XX523 | | 1 | 7E 30 30 37 31 20 34 0D | F | P |
| *XX523 | | 2 | 7E 30 30 35 32 33 20 31 0D | F | P |
| *XX523 | | 3 | 7E 30 30 35 32 33 20 32 0D | F | P |
| *XX523 | | 4 | 7E 30 30 35 32 33 20 33 0D | F | P |
| *XX524 | | 4 | 7E 30 30 35 32 34 20 34 0D | F | P |
| *XX524 | | 4 | 7E 30 30 35 32 34 20 34 0D | F | P |
| *XX90 | | 0 | 7E 30 30 39 30 20 30 0D | F | P |
| *XX90 | | 1 | 7E 30 30 39 30 20 31 0D | F | P |
| *XX92 | | 1 | 7E 30 30 39 32 20 31 0D | F | P |
| *XX92 | | 2 | 7E 30 30 39 32 20 32 0D | F | P |
| *XX92 | | 3 | 7E 30 30 39 32 20 33 0D | F | P |
| *XX92 | | 4 | 7E 30 30 39 32 20 34 0D | F | P |
| *XX109 | | 0 | 7E 30 30 31 30 39 20 30 0D | F | P |
| *XX109 | | 1 | 7E 30 30 31 30 39 20 31 0D | F | P |
| *XX111 | | 1 | 7E 30 30 31 31 20 31 0D | F | P |
| *XX111 | | 2 | 7E 30 30 31 31 20 32 0D | F | P |
| *XX116 | | 1 | 7E 30 30 31 31 36 20 31 0D | F | P |
| *XX111 | | 3 | 7E 30 30 31 31 20 33 0D | F | P |
| *XX320 | | 0 | 7E 30 30 33 32 30 20 30 0D | F | P |
| *XX320 | | 1 | 7E 30 30 33 32 30 20 31 0D | F | P |
| *XX322 | | 0 | 7E 30 30 33 32 32 20 30 0D | F | P |
| *XX322 | | 1 | 7E 30 30 33 32 32 20 31 0D | F | P |
| *XX322 | | 2 | 7E 30 30 33 32 32 20 32 0D | F | P |
| *XX322 | | 3 | 7E 30 30 33 32 32 20 33 0D | F | P |
| *XX322 | | 4 | 7E 30 30 33 32 32 20 34 0D | F | P |
| *XX323 | | 1 | 7E 30 30 33 32 33 20 31 0D | F | P |
| *XX349 | | 1 | 7E 30 30 33 34 39 20 31 0D | F | P |
| *XX349 | | 2 | 7E 30 30 33 34 39 20 32 0D | F | P |
| *XX84 | | 3 | 7E 30 30 38 34 20 33 0D | F | P |
| *XX84 | | 4 | 7E 30 30 38 34 20 34 0D | F | P |
| *XX84 | | 5 | 7E 30 30 38 34 20 35 0D | F | P |
| *XX84 | | 6 | 7E 30 30 38 34 20 36 0D | F | P |
| *XX525 | | 1 | 7E 30 30 35 32 35 20 31 0D | F | P |
| *XX525 | | 0 | 7E 30 30 35 32 35 20 30 0D | F | P |
| *XX525 | | 3 | 7E 30 30 35 32 35 20 33 0D | F | P |
| *XX525 | | 0 | 7E 30 30 35 32 35 20 30 0D | F | P |

| Read Command | | | | | |
|--------------|-------|-----------|----------------------------|----------|-----------------------------|
| CMD | space | CMD Value | HEX Code | Response | |
| | | | | Fail | Pass |
| *XX356 | | 1 | 7E 30 30 33 35 36 20 31 0D | F | O k 0 |
| *XX356 | | 1 | 7E 30 30 33 35 36 20 31 0D | F | O k 1 |
| *XX129 | | 1 | 7E 30 30 31 32 39 20 31 0D | F | O k 0 |
| *XX129 | | 1 | 7E 30 30 31 32 39 20 31 0D | F | O k 1 |
| *XX129 | | 1 | 7E 30 30 31 32 39 20 31 0D | F | O k 2 |
| *XX129 | | 1 | 7E 30 30 31 32 39 20 31 0D | F | O k 3 |
| *XX321 | | 1 | 7E 30 30 33 32 31 20 31 0D | F | O k nnnn (nnnn=hour digits) |

Note : Some commands are not supported, it depends on models

| Level 1 | Level 2 | Level 3 | Level 4 | Level 5 | n value | |
|---------|----------------------|-----------------|-----------------------------|----------------------------|---------|--|
| Setup | | Lens Type | WT2 | | | |
| | | | ST1 | | | |
| | | | TZ1 | | | |
| | | | TZ2 | | | |
| | | Lens Function | Lock | | | |
| | | | Unlock | | | |
| | | Zoom | Lock | | | |
| | | | Unlock | | | |
| | | Focus | Lock | | | |
| | | | Unlock | | | |
| | | Lens Shift | Lock | | | |
| | | | Unlock | | | |
| | | Zoom | + | | | |
| | | | - | | | |
| | | Focus | + | | | |
| | | | - | | | |
| | | Shutter | Off | | | |
| | | | On | | | |
| | | Lens Memory | Apply Position | 1~10 | | |
| | | | | | | |
| | | | Save Current Position | 1~10 | | |
| | | | Reset | Yes/No | | |
| | | Anamorphic Lens | None | | | |
| | | | Fixed | | | |
| | | | Movable | | | |
| | | Power Settings | Direct Power On | Off | | |
| | | | | On | | |
| | | | Signal Power On | Off | | |
| | | | | On | | |
| | | | Auto Power Off (min) | 0 ~ 180 (5 min increments) | | |
| | Sleep Timer (min) | | 0 ~ 990 (30 min increments) | | | |
| | | | | | | |
| | | | Always On | No Yes | | |
| | Quick Resume | | Off | | | |
| | | | On | | | |
| | Power Mode (Standby) | | Active | | | |
| | | | Eco. | | | |
| | USB Power | | Off | | | |
| | | | On | | | |
| | Wireless | | Auto | | | |
| | | | Off | | | |
| | Security | | Security | Off | | |
| | | | | | | |
| | | On | | 1~nnnn | | |
| | | | | | | |
| | | On/Off switch | 0000~9999 | | | |
| | | Security Timer | Month | 00~12 | | |
| | | | Day | 00~30 | | |
| | | | Hour | 00~24 | | |

| Write Command | | | | | | Read Command | | | | | |
|---------------|-------|-----------|--|----------|------|--------------|-------|-----------|-------------------------------|----------|-----------|
| Command | | | | Response | | Command | | | | Response | |
| CMD | space | Set Para. | HEX Code | Fail | Pass | CMD | space | CMD Value | HEX Code | Fail | Pass |
| | | | | | | | | | | | |
| **XX85 | | 1 | 7E 30 30 38 35 20 31 0D | F | P | **XX545 | | 4 | 7E 30 30 35 34 35 20 34 0D | F | O k 0 |
| **XX85 | | 2 | 7E 30 30 38 35 20 32 0D | F | P | **XX545 | | 4 | 7E 30 30 35 34 35 20 34 0D | F | O k 1 |
| **XX85 | | 3 | 7E 30 30 38 35 20 33 0D | F | P | **XX545 | | 1 | 7E 30 30 35 34 35 20 31 0D | F | O k 0 |
| **XX85 | | 4 | 7E 30 30 38 35 20 34 0D | F | P | **XX545 | | 1 | 7E 30 30 35 34 35 20 31 0D | F | O k 1 |
| **XX85 | | 5 | 7E 30 30 38 35 20 35 0D | F | P | **XX545 | | 2 | 7E 30 30 35 34 35 20 32 0D | F | O k 0 |
| **XX85 | | 6 | 7E 30 30 38 35 20 36 0D | F | P | **XX545 | | 2 | 7E 30 30 35 34 35 20 32 0D | F | O k 1 |
| **xx84 | | 1 | 7E 30 30 38 34 20 31 0D | F | P | **XX545 | | 3 | 7E 30 30 35 34 35 20 33 0D | F | O k 0 |
| **xx84 | | 2 | 7E 30 30 38 34 20 32 0D | F | P | **XX545 | | 3 | 7E 30 30 35 34 35 20 33 0D | F | O k 1 |
| **XX307 | | 1 | 7E 30 30 33 30 37 20 31 0D | F | P | | | | | | |
| **XX307 | | 2 | 7E 30 30 33 30 37 20 32 0D | F | P | | | | | | |
| **XX308 | | 1 | 7E 30 30 33 30 38 20 31 0D | F | P | | | | | | |
| **XX308 | | 2 | 7E 30 30 33 30 38 20 32 0D | F | P | | | | | | |
| **XX325 | | 0 | 7E 30 30 33 32 35 20 30 0D | F | P | | | | | | |
| **XX325 | | 1 | 7E 30 30 33 32 35 20 31 0D | F | P | | | | | | |
| | | | 7E 30 30 33 35 39 20 31 0D | | | | | | | | |
| **XX359 | | 1~10 | to | F | P | | | | | | |
| | | | 7E 30 30 33 35 39 20 31 30 0D | | | | | | | | |
| | | | 7E 30 30 33 36 30 20 31 0D | | | | | | | | |
| **XX360 | | 1~10 | to | F | P | | | | | | |
| | | | 7E 30 30 33 36 30 20 31 30 0D | | | | | | | | |
| **XX361 | | 1 | 7E 30 30 33 36 31 20 31 0D | F | P | | | | | | |
| | | | | | | | | | | | |
| **XX105 | | 0 | 7E 30 30 31 30 35 20 30 0D | F | P | | | | | | |
| **XX105 | | 1 | 7E 30 30 31 30 35 20 31 0D | F | P | | | | | | |
| **XX113 | | 0 | 7E 30 30 31 31 33 20 30 0D | F | P | | | | | | |
| **XX113 | | 1 | 7E 30 30 31 31 33 20 31 0D | F | P | | | | | | |
| | | | 7E 30 30 31 30 36 20 30 0D | | | | | | | | |
| **XX106 | | 0~180 | to | F | P | | | | | | |
| | | | 7E 30 30 31 30 36 20 31 38 30 0D | | | | | | | | |
| | | | 7E 30 30 31 30 37 20 30 30 0D | | | | | | | | |
| **XX107 | | 000~990 | to | F | P | | | | | | |
| | | | 7E 30 30 31 30 37 20 39 39 30 0D | | | | | | | | |
| **XX507 | | 0 | 7E 30 30 35 30 37 20 30 0D | F | P | | | | | | |
| **XX507 | | 1 | 7E 30 30 35 30 37 20 31 0D | F | P | | | | | | |
| **XX115 | | 0 | 7E 30 30 31 31 35 20 30 0D | F | P | | | | | | |
| **XX115 | | 1 | 7E 30 30 31 31 35 20 31 0D | F | P | | | | | | |
| **XX114 | | 1 | 7E 30 30 31 31 34 20 31 0D | F | P | **XX150 | | 16 | 7E 30 30 31 35 30 20 31 36 0D | F | O k 1 |
| **XX114 | | 0 | 7E 30 30 31 31 34 20 30 0D | F | P | **XX150 | | 16 | 7E 30 30 31 35 30 20 31 36 0D | F | O k 0 |
| **XX520 | | 0 | 7E 30 30 35 32 30 20 30 0D | F | P | | | | | | |
| **XX520 | | 1 | 7E 30 30 35 32 30 20 31 0D | F | P | | | | | | |
| **XX520 | | 3 | 7E 30 30 35 32 30 20 33 0D | F | P | | | | | | |
| **XX521 | | 0 | 7E 30 30 35 32 31 20 30 0D | F | P | | | | | | |
| **XX521 | | 1 | 7E 30 30 35 32 31 20 31 0D | F | P | | | | | | |
| | | | 7E 30 30 37 38 20 30 20 7E 30 30 30 30 30 0D | | | | | | | | |
| **XX78 | | 0~nnnn | to | F | P | | | | | | |
| | | | 7E 30 30 37 38 30 20 7E 39 39 39 39 0D | | | | | | | | |
| | | | *nnnn=password | | | | | | | | |
| | | | 7E 30 30 37 38 30 20 7E 30 30 30 30 30 0D | | | | | | | | |
| **XX78 | | 1~nnnn | to | F | P | | | | | | |
| | | | 7E 30 30 37 38 31 20 7E 39 39 39 39 0D | | | | | | | | |
| | | | *nnnn=password | | | | | | | | |
| | | | 7E 30 30 35 32 37 20 30 30 30 30 0D | | | | | | | | |
| **XX527 | | 0000~9999 | to | F | P | | | | | | |
| | | | 7E 30 30 35 32 37 20 39 39 39 39 0D | | | | | | | | |
| **XX537 | | 00~12 | to | F | P | **XX544 | | 1 | 7E 30 30 35 34 34 20 31 0D | F | O k 00~12 |
| | | | 7E 30 30 35 33 37 20 31 32 0D | | | | | | | | |
| **XX538 | | 00~30 | to | F | P | **XX544 | | 2 | 7E 30 30 35 34 34 20 32 0D | F | O k 00~30 |
| | | | 7E 30 30 35 33 38 20 30 30 0D | | | | | | | | |
| **XX539 | | 00~24 | to | F | P | **XX544 | | 3 | 7E 30 30 35 34 34 20 33 0D | F | O k 00~24 |
| | | | 7E 30 30 35 33 39 20 30 30 0D | | | | | | | | |
| | | | 7E 30 30 35 33 39 20 32 34 0D | | | | | | | | |

Note : Some commands are not supported, it depends on models

| Level 1 | Level 2 | Level 3 | Level 4 | Level 5 | n value | |
|--------------------|------------------------------|-----------------|----------|---------|---------|--|
| | | | MM/DD/HH | | | |
| | | Change Password | | | | |
| HDMI Link Settings | HDMI Link | Off | | | | |
| | | On | | | | |
| | Inclusive of TV | No | | | | |
| | | Yes | | | | |
| | Power On Link | Mutual | | | | |
| | | PJ --> Device | | | | |
| | Power Off Link | Device --> PJ | | | | |
| | | Off | | | | |
| | Test Pattern | Green Grid | | | | |
| | | | | | | |
| | | | | | | |
| Magenta Grid | | | | | | |
| | | | | | | |
| | | | | | | |
| White Grid | | | | | | |
| | | | | | | |
| | | | | | | |
| White | | | | | | |
| | | | | | | |
| | | | | | | |
| Off | | | | | | |
| | | | | | | |
| | | | | | | |
| Red | | | | | | |
| | | | | | | |
| | | | | | | |
| Green | | | | | | |
| | | | | | | |
| | | | | | | |
| Blue | | | | | | |
| | | | | | | |
| | | | | | | |
| Yellow | | | | | | |
| | | | | | | |
| | | | | | | |
| Magenta | | | | | | |
| | | | | | | |
| | | | | | | |
| Cyan | | | | | | |
| | | | | | | |
| | | | | | | |
| Black | | | | | | |
| | | | | | | |
| | | | | | | |
| Checkerboard | | | | | | |
| | | | | | | |
| | | | | | | |
| Color Bars | | | | | | |
| | | | | | | |
| | | | | | | |
| Remote Settings | IR Function | Off All | | | | |
| | | On All | | | | |
| | | Front | | | | |
| | | Top | | | | |
| | | Front Off | | | | |
| | | Front On | | | | |
| | | Top Off | | | | |
| | | Top On | | | | |
| | | HDBaseT Off | | | | |
| | | HDBaseT On | | | | |
| | Back | | | | | |
| | - | | | | | |
| | Remote Code | 00~99 | | | | |
| | | + | | | | |
| | | | | | | |
| User1 (F1) | Functions please refer to UM | | | | | |
| User2 (F2) | Functions please refer to UM | | | | | |
| User3 (F3) | Functions please refer to UM | | | | | |
| Projector ID | 00~99 | | | | | |
| 12V Trigger | Off | | | | | |
| | On | | | | | |
| 12V Trigger B | Off | | | | | |
| | On | | | | | |
| | Auto3D | | | | | |
| | Auto235 | | | | | |
| | Auto235 Subtitle | | | | | |
| | On, triggered format | 4:3 | No | | | |
| | | | Yes | | | |
| | | 16:9 | No | | | |
| | | | Yes | | | |
| | | L7B | No | | | |
| | | Yes | | | | |
| | Native | No | | | | |
| | | Yes | | | | |
| HDBaseT Control | Ethernet | Off | | | | |
| | | On | | | | |
| | RS232 | Off | | | | |
| | | On | | | | |

| Write Command | | | | Response | |
|---------------|-------|-----------|--|----------|------|
| CMD | space | Set Para. | HEX Code | Fail | Pass |
| ~XX77 | | ~MMDDHH | 7E 30 30 37 37 20 7E [MM] [DD] [HH] 0D [MM] = 00 (a=30 30) ~ 12 (a=31 32) [DD] = 00 (a=30 30) ~ 30 (a=33 30) [HH] = 00 (a=30 30) ~ 24 (a=32 34) | F | P |
| ~XX511 | | 0 | 7E 30 30 58 35 31 20 30 0D | F | P |
| ~XX511 | | 1 | 7E 30 30 58 35 31 20 31 0D | F | P |
| ~XX512 | | 0 | 7E 30 30 58 35 31 20 30 0D | F | P |
| ~XX512 | | 1 | 7E 30 30 58 35 31 20 31 0D | F | P |
| ~XX513 | | 1 | 7E 30 30 35 31 33 20 31 0D | F | P |
| ~XX513 | | 2 | 7E 30 30 35 31 33 20 32 0D | F | P |
| ~XX513 | | 3 | 7E 30 30 35 31 33 20 33 0D | F | P |
| ~XX514 | | 0 | 7E 30 30 58 35 31 20 30 0D | F | P |
| ~XX514 | | 1 | 7E 30 30 58 35 31 20 31 0D | F | P |
| ~XX195 | | 3 | 7E 30 30 31 39 35 20 33 0D | F | P |
| ~XX195 | | 4 | 7E 30 30 31 39 35 20 34 0D | F | P |
| ~XX195 | | 1 | 7E 30 30 31 39 35 20 31 0D | F | P |
| ~XX195 | | 2 | 7E 30 30 31 39 35 20 32 0D | F | P |
| ~XX195 | | 0 | 7E 30 30 31 39 35 20 30 0D | F | P |
| ~XX195 | | 5 | 7E 30 30 31 39 35 20 35 0D | F | P |
| ~XX195 | | 6 | 7E 30 30 31 39 35 20 36 0D | F | P |
| ~XX195 | | 7 | 7E 30 30 31 39 35 20 37 0D | F | P |
| ~XX195 | | 8 | 7E 30 30 31 39 35 20 38 0D | F | P |
| ~XX195 | | 9 | 7E 30 30 31 39 35 20 39 0D | F | P |
| ~XX195 | | 10 | 7E 30 30 31 39 35 20 31 30 0D | F | P |
| ~XX195 | | 11 | 7E 30 30 31 39 35 20 31 31 0D | F | P |
| ~XX195 | | 12 | 7E 30 30 31 39 35 20 31 32 0D | F | P |
| ~XX195 | | 13 | 7E 30 30 31 39 35 20 31 33 0D | F | P |
| ~XX11 | | 0 | 7E 30 30 31 31 20 30 0D | F | P |
| ~XX11 | | 1 | 7E 30 30 31 31 20 31 0D | F | P |
| ~XX11 | | 2 | 7E 30 30 31 31 20 32 0D | F | P |
| ~XX11 | | 3 | 7E 30 30 31 31 20 33 0D | F | P |
| ~XX11 | | 4 | 7E 30 30 31 31 20 34 0D | F | P |
| ~XX11 | | 5 | 7E 30 30 31 31 20 35 0D | F | P |
| ~XX11 | | 6 | 7E 30 30 31 31 20 36 0D | F | P |
| ~XX11 | | 7 | 7E 30 30 31 31 20 37 0D | F | P |
| ~XX12 | | 10 | 7E 30 30 31 32 20 31 30 0D | F | P |
| ~XX13 | | 9 | 7E 30 30 31 33 20 39 0D | F | P |
| ~XX11 | | 8 | 7E 30 30 31 31 20 38 0D | F | P |
| ~XX48 | | 1 | 7E 30 30 34 38 20 31 0D | F | P |
| ~XX350 | | 00~99 | 7E 30 30 33 35 30 20 30 30 0D to | F | P |
| ~XX48 | | 2 | 7E 30 30 34 38 20 32 0D | F | P |
| ~XX117 | | 1~20 | 7E 30 30 31 31 37 20 31 0D to | F | P |
| ~XX118 | | 1~20 | 7E 30 30 31 31 38 20 31 0D to | F | P |
| ~XX119 | | 1~20 | 7E 30 30 31 31 39 20 31 0D to | F | P |
| ~XX79 | | 00~99 | 7E 30 30 31 31 39 20 32 30 0D 7E 30 30 37 39 20 30 30 0D to | F | P |
| ~XX192 | | 0 | 7E 30 30 37 39 20 39 39 0D | F | P |
| ~XX192 | | 1 | 7E 30 30 31 39 32 20 30 0D | F | P |
| ~XX193 | | 0 | 7E 30 30 31 39 33 20 30 0D | F | P |
| ~XX193 | | 1 | 7E 30 30 31 39 33 20 31 0D | F | P |
| ~XX193 | | 2 | 7E 30 30 31 39 33 20 32 0D | F | P |
| ~XX193 | | 3 | 7E 30 30 31 39 33 20 33 0D | F | P |
| ~XX193 | | 4 | 7E 30 30 31 39 33 20 34 0D | F | P |
| ~XX205 | | 0 | 7E 30 30 32 30 35 20 30 0D | F | P |
| ~XX205 | | 1 | 7E 30 30 32 30 35 20 31 0D | F | P |
| ~XX205 | | 2 | 7E 30 30 32 30 35 20 32 0D | F | P |
| ~XX205 | | 3 | 7E 30 30 32 30 35 20 33 0D | F | P |
| ~XX205 | | 4 | 7E 30 30 32 30 35 20 34 0D | F | P |
| ~XX205 | | 5 | 7E 30 30 32 30 35 20 35 0D | F | P |
| ~XX205 | | 6 | 7E 30 30 32 30 35 20 36 0D | F | P |
| ~XX205 | | 7 | 7E 30 30 32 30 35 20 37 0D | F | P |
| ~XX98 | | 0 | 7E 30 30 39 38 20 30 0D | F | P |
| ~XX98 | | 1 | 7E 30 30 39 38 20 31 0D | F | P |
| ~XX97 | | 0 | 7E 30 30 39 37 20 30 0D | F | P |
| ~XX97 | | 1 | 7E 30 30 39 37 20 31 0D | F | P |

| Read Command | | | | Response | |
|--------------|-------|-----------|----------------------------|----------|-----------|
| CMD | space | CMD Value | HEX Code | Fail | Pass |
| ~XX542 | | 1 | 7E 30 30 35 34 32 20 31 0D | F | O k 0 |
| ~XX542 | | 1 | 7E 30 30 35 34 32 20 31 0D | F | O k 1 |
| ~XX542 | | 2 | 7E 30 30 35 34 32 20 32 0D | F | O k 0 |
| ~XX542 | | 2 | 7E 30 30 35 34 32 20 32 0D | F | O k 1 |
| ~XX558 | | 1 | 7E 30 30 35 35 38 20 31 0D | F | O k 00~99 |

Note : Some commands are not supported, it depends on models

| Level 1 | Level 2 | Level 3 | Level 4 | Level 5 | n value | |
|-------------------|-----------------------|------------------|--------------|---------|---------|--|
| Setup | Serial Port Baud Rate | | 9600 | | | |
| | | | 14400 | | | |
| | | | 19200 | | | |
| | | | 38400 | | | |
| | | | 57600 | | | |
| | | | 115200 | | | |
| | Options | Language | English | | | |
| | | | Deutsch | | | |
| | | | Français | | | |
| | | | Italiano | | | |
| | | | Español | | | |
| | | | Português | | | |
| | | | Polski | | | |
| | | | Nederlands | | | |
| | | | Svenska | | | |
| | | | Norsk/Dansk | | | |
| | | | Suomi | | | |
| | | | Ελληνικά | | | |
| | | | 繁體中文 | | | |
| | | 简体中文 | | | | |
| | | 日本語 | | | | |
| | | 한국어 | | | | |
| | | Русский | | | | |
| | | Magyar | | | | |
| | | Čeština | | | | |
| | | عربي | | | | |
| | | Viet | | | | |
| | | Türkçe | | | | |
| | | فارسی | | | | |
| | | Tiếng Việt | | | | |
| | | Bahasa Indonesia | | | | |
| | | Română | | | | |
| Slovakian | | | | | | |
| Closed Captioning | | Off | | | | |
| | CC1 | | | | | |
| | CC2 | | | | | |
| | | Top left | | | | |
| Menu Settings | Menu Location | | Top right | | | |
| | | | Center | | | |
| | | | Bottom left | | | |
| | | | Bottom right | | | |
| | | | | | | |
| | Menu Timer | Off | | | | |
| | | 5sec | | | | |
| 10sec | | | | | | |
| Menu Transparency | 0~9 | | | | | |
| Auto Source | Off | | | | | |
| | On | | | | | |
| Input Source | [no signal] | | | | | |
| | HDMI | | | | | |
| | HDMI1 | | | | | |
| | HDMI/MHL | | | | | |
| | HDMI1/MHL | | | | | |
| | HDMI2 | | | | | |
| | HDMI2/MHL | | | | | |
| | HDMI3 | | | | | |
| | DVI-D | | | | | |
| | DVI-A | | | | | |
| | VGA | | | | | |
| | VGA1 | | | | | |
| | VGA2 | | | | | |
| | Component | | | | | |
| | S-Video | | | | | |
| | Video | | | | | |
| | DisplayPort | | | | | |
| | HDBaseT | | | | | |
| | BNC | | | | | |
| Wireless | | | | | | |
| Flash Drive | | | | | | |
| Network Display | | | | | | |
| USB Display | | | | | | |

| Write Command | | | | | |
|---------------|-------|-----------|----------------------------|----------|------|
| CMD | space | Set Para. | HEX Code | Response | |
| | | | | Fail | Pass |
| | | | | | |
| *XX70 | | 1 | 7E 30 30 37 30 20 31 0D | F | P |
| *XX70 | | 2 | 7E 30 30 37 30 20 32 0D | F | P |
| *XX70 | | 3 | 7E 30 30 37 30 20 33 0D | F | P |
| *XX70 | | 4 | 7E 30 30 37 30 20 34 0D | F | P |
| *XX70 | | 5 | 7E 30 30 37 30 20 35 0D | F | P |
| *XX70 | | 6 | 7E 30 30 37 30 20 36 0D | F | P |
| *XX70 | | 7 | 7E 30 30 37 30 20 37 0D | F | P |
| *XX70 | | 8 | 7E 30 30 37 30 20 38 0D | F | P |
| *XX70 | | 9 | 7E 30 30 37 30 20 39 0D | F | P |
| *XX70 | | 10 | 7E 30 30 37 30 20 31 30 0D | F | P |
| *XX70 | | 11 | 7E 30 30 37 30 20 31 31 0D | F | P |
| *XX70 | | 12 | 7E 30 30 37 30 20 31 32 0D | F | P |
| *XX70 | | 13 | 7E 30 30 37 30 20 31 33 0D | F | P |
| *XX70 | | 14 | 7E 30 30 37 30 20 31 34 0D | F | P |
| *XX70 | | 15 | 7E 30 30 37 30 20 31 35 0D | F | P |
| *XX70 | | 16 | 7E 30 30 37 30 20 31 36 0D | F | P |
| *XX70 | | 17 | 7E 30 30 37 30 20 31 37 0D | F | P |
| *XX70 | | 18 | 7E 30 30 37 30 20 31 38 0D | F | P |
| *XX70 | | 19 | 7E 30 30 37 30 20 31 39 0D | F | P |
| *XX70 | | 20 | 7E 30 30 37 30 20 32 30 0D | F | P |
| *XX70 | | 21 | 7E 30 30 37 30 20 32 31 0D | F | P |
| *XX70 | | 22 | 7E 30 30 37 30 20 32 32 0D | F | P |
| *XX70 | | 23 | 7E 30 30 37 30 20 32 33 0D | F | P |
| *XX70 | | 25 | 7E 30 30 37 30 20 32 35 0D | F | P |
| *XX70 | | 26 | 7E 30 30 37 30 20 32 36 0D | F | P |
| *XX70 | | 27 | 7E 30 30 37 30 20 32 37 0D | F | P |
| *XX70 | | 28 | 7E 30 30 37 30 20 32 38 0D | F | P |
| *XX88 | | 0 | 7E 30 30 38 38 20 30 0D | F | P |
| *XX88 | | 1 | 7E 30 30 38 38 20 31 0D | F | P |
| *XX88 | | 2 | 7E 30 30 38 38 20 32 0D | F | P |
| *XX72 | | 1 | 7E 30 30 37 32 20 31 0D | F | P |
| *XX72 | | 2 | 7E 30 30 37 32 20 32 0D | F | P |
| *XX72 | | 3 | 7E 30 30 37 32 20 33 0D | F | P |
| *XX72 | | 4 | 7E 30 30 37 32 20 34 0D | F | P |
| *XX72 | | 5 | 7E 30 30 37 32 20 35 0D | F | P |
| *XX515 | | 0 | 7E 30 30 35 31 35 20 30 0D | F | P |
| *XX515 | | 1 | 7E 30 30 35 31 35 20 31 0D | F | P |
| *XX515 | | 3 | 7E 30 30 35 31 35 20 33 0D | F | P |
| | | | 7E 30 30 35 32 36 20 30 0D | | |
| | | | to | F | P |
| *XX563 | | 0 | 7E 30 30 35 36 33 20 30 0D | F | P |
| *XX563 | | 1 | 7E 30 30 35 36 33 20 31 0D | F | P |

| Read Command | | | | | |
|--------------|-------|-----------|----------------------------|----------|------------|
| CMD | space | CMD Value | HEX Code | Response | |
| | | | | Fail | Pass |
| *XX153 | | 1 | 7E 30 30 31 35 33 20 31 0D | F | O k 9600 |
| *XX153 | | 1 | 7E 30 30 31 35 33 20 31 0D | F | O k 14400 |
| *XX153 | | 1 | 7E 30 30 31 35 33 20 31 0D | F | O k 19200 |
| *XX153 | | 1 | 7E 30 30 31 35 33 20 31 0D | F | O k 38400 |
| *XX153 | | 1 | 7E 30 30 31 35 33 20 31 0D | F | O k 57600 |
| *XX153 | | 1 | 7E 30 30 31 35 33 20 31 0D | F | O k 115200 |
| | | | | | |
| *XX354 | | 1 | 7E 30 30 33 35 34 20 31 0D | F | O k 0 |
| *XX354 | | 1 | 7E 30 30 33 35 34 20 31 0D | F | O k 1 |
| *XX354 | | 1 | 7E 30 30 33 35 34 20 31 0D | F | O k 2 |
| | | | | | |
| *XX121 | | 1 | 7E 30 30 31 32 31 20 31 0D | F | O k 0 |
| *XX121 | | 1 | 7E 30 30 31 32 31 20 31 0D | F | O k 7 |
| *XX121 | | 1 | 7E 30 30 31 32 31 20 31 0D | F | O k 7 |
| *XX121 | | 1 | 7E 30 30 31 32 31 20 31 0D | F | O k 7 |
| *XX121 | | 1 | 7E 30 30 31 32 31 20 31 0D | F | O k 7 |
| *XX121 | | 1 | 7E 30 30 31 32 31 20 31 0D | F | O k 8 |
| *XX121 | | 1 | 7E 30 30 31 32 31 20 31 0D | F | O k 8 |
| *XX121 | | 1 | 7E 30 30 31 32 31 20 31 0D | F | O k 9 |
| *XX121 | | 1 | 7E 30 30 31 32 31 20 31 0D | F | O k 1 |
| *XX121 | | 1 | 7E 30 30 31 32 31 20 31 0D | F | O k 1 |
| *XX121 | | 1 | 7E 30 30 31 32 31 20 31 0D | F | O k 2 |
| *XX121 | | 1 | 7E 30 30 31 32 31 20 31 0D | F | O k 2 |
| *XX121 | | 1 | 7E 30 30 31 32 31 20 31 0D | F | O k 3 |
| *XX121 | | 1 | 7E 30 30 31 32 31 20 31 0D | F | O k 11 |
| *XX121 | | 1 | 7E 30 30 31 32 31 20 31 0D | F | O k 4 |
| *XX121 | | 1 | 7E 30 30 31 32 31 20 31 0D | F | O k 5 |
| *XX121 | | 1 | 7E 30 30 31 32 31 20 31 0D | F | O k 15 |
| *XX121 | | 1 | 7E 30 30 31 32 31 20 31 0D | F | O k 16 |
| *XX121 | | 1 | 7E 30 30 31 32 31 20 31 0D | F | O k 6 |
| *XX121 | | 1 | 7E 30 30 31 32 31 20 31 0D | F | O k 10 |
| *XX121 | | 1 | 7E 30 30 31 32 31 20 31 0D | F | O k 12 |
| *XX121 | | 1 | 7E 30 30 31 32 31 20 31 0D | F | O k 13 |
| *XX121 | | 1 | 7E 30 30 31 32 31 20 31 0D | F | O k 14 |

Note : Some commands are not supported, it depends on models

| Level 1 | Level 2 | Level 3 | Level 4 | Level 5 | n value | | |
|---------|---------|---------------------|--------------------------------|------------------|------------------|--|--|
| Setup | Options | Multimedia | | | | | |
| | | 3G-SDI | | | | | |
| | | Smart TV | | | | | |
| | | Input Name | HDMI | Default / Custom | | | |
| | | | HDMI1 | Default / Custom | | | |
| | | | HDMI2 | Default / Custom | | | |
| | | | HDMI3 | Default / Custom | | | |
| | | | HDMI/MHL | Default / Custom | | | |
| | | | HDMI1/MHL | Default / Custom | | | |
| | | | HDMI2/MHL | Default / Custom | | | |
| | | | DVI | Default / Custom | | | |
| | | | VGA | Default / Custom | | | |
| | | | VGA1 | Default / Custom | | | |
| | | | VGA2 | Default / Custom | | | |
| | | | Component | Default / Custom | | | |
| | | | S-Video | Default / Custom | | | |
| | | | Video | Default / Custom | | | |
| | | | DisplayPort | Default / Custom | | | |
| | | | HDBaseT | Default / Custom | | | |
| | | | BNC | Default / Custom | | | |
| | | | Wireless | Default / Custom | | | |
| | | | Flash Drive | Default / Custom | | | |
| | | | Input Name | Network Display | Default / Custom | | |
| | | | | USB Display | Default / Custom | | |
| | | | | Multimedia | Default / Custom | | |
| | | 3G-SDI | | Default / Custom | | | |
| | | Reset | | | | | |
| | | VGA Out | Auto | | | | |
| | | | VGA1 | | | | |
| | | | VGA2 | | | | |
| | | High Altitude | Off | | | | |
| | | | On | | | | |
| | | Display Mode Lock | Off | | | | |
| | | | On | | | | |
| | | Keypad Lock | Off | | | | |
| | | | On | | | | |
| | | Keypad LED Settings | Off | | | | |
| | | | On | | | | |
| | | Information Hide | Off | | | | |
| | | | On | | | | |
| | | Logo | Default | | | | |
| | | | Neutral | | | | |
| | | | User | | | | |
| | | Logo Capture | | | | | |
| | | Beep | Off | | | | |
| | | | On | | | | |
| | | Background Color | None | | | | |
| | | | Blue | | | | |
| | | | Red | | | | |
| | | | Green | | | | |
| | | | Gray | | | | |
| | | | Logo | | | | |
| | | System Update | Notification/Auto | | | | |
| | | | System Update | | | | |
| | | | Reset OSD | | | | |
| | | Reset | Reset to Default | | | | |
| | | | Reset to Default with password | Cancel / Yes | | | |
| | | | WLAN | | | | |
| | | WLAN | WLAN | Off | | | |
| | | | Network Status | Connected | | | |
| | | | | Disconnected | | | |
| | | | MAC Address | | | | |
| | | | IP Address | | | | |
| | | | SSID | NetworkDisplay | | | |
| | | Connection Mode | Infrastructure | | | | |

| Write Command | | | | | | Read Command | | | | | |
|---------------|-------|----------------------------|---|----------|------|--------------|-------|-----------|----------------------------|----------|------|
| Command | | | | Response | | Command | | | | Response | |
| CMD | space | Set Para. | HEX Code | Fail | Pass | CMD | space | CMD Value | HEX Code | Fail | Pass |
| *XX12 | | 23 | 7E 30 30 31 32 20 32 33 0D | F | P | *XX121 | | 1 | 7E 30 30 31 32 31 20 31 0D | F | P |
| *XX12 | | 22 | 7E 30 30 31 32 20 32 32 0D | F | P | *XX121 | | 1 | 7E 30 30 31 32 31 20 31 0D | F | P |
| *XX12 | | 24 | 7E 30 30 31 32 20 32 34 0D | F | P | *XX121 | | 1 | 7E 30 30 31 32 31 20 31 0D | F | P |
| *XX518 | | 0 ~nn...n (10 characters) | 7E 30 30 35 31 38 20 30 20 0D | F | P | | | | | | |
| *XX518 | | 1 ~nn...n (10 characters) | 7E 30 30 35 31 38 20 31 20 0D | F | P | | | | | | |
| *XX518 | | 2 ~nn...n (10 characters) | 7E 30 30 35 31 38 20 32 20 0D | F | P | | | | | | |
| *XX518 | | 3 ~nn...n (10 characters) | 7E 30 30 35 31 38 20 33 20 0D | F | P | | | | | | |
| *XX518 | | 4 ~nn...n (10 characters) | 7E 30 30 35 31 38 20 34 20 0D | F | P | | | | | | |
| *XX518 | | 5 ~nn...n (10 characters) | 7E 30 30 35 31 38 20 35 20 0D | F | P | | | | | | |
| *XX518 | | 6 ~nn...n (10 characters) | 7E 30 30 35 31 38 20 36 20 0D | F | P | | | | | | |
| *XX518 | | 7 ~nn...n (10 characters) | 7E 30 30 35 31 38 20 37 20 0D | F | P | | | | | | |
| *XX518 | | 8 ~nn...n (10 characters) | 7E 30 30 35 31 38 20 38 20 0D | F | P | | | | | | |
| *XX518 | | 9 ~nn...n (10 characters) | 7E 30 30 35 31 38 20 39 20 0D | F | P | | | | | | |
| *XX518 | | 10 ~nn...n (10 characters) | 7E 30 30 35 31 38 20 31 30 0D | F | P | | | | | | |
| *XX518 | | 11 ~nn...n (10 characters) | 7E 30 30 35 31 38 20 31 31 0D | F | P | | | | | | |
| *XX518 | | 12 ~nn...n (10 characters) | 7E 30 30 35 31 38 20 31 32 0D | F | P | | | | | | |
| *XX518 | | 13 ~nn...n (10 characters) | 7E 30 30 35 31 38 20 31 33 0D | F | P | | | | | | |
| *XX518 | | 14 ~nn...n (10 characters) | 7E 30 30 35 31 38 20 31 34 0D | F | P | | | | | | |
| *XX518 | | 15 ~nn...n (10 characters) | 7E 30 30 35 31 38 20 31 35 0D | F | P | | | | | | |
| *XX518 | | 16 ~nn...n (10 characters) | 7E 30 30 35 31 38 20 31 36 0D | F | P | | | | | | |
| *XX518 | | 17 ~nn...n (10 characters) | 7E 30 30 35 31 38 20 31 37 0D | F | P | | | | | | |
| *XX518 | | 18 ~nn...n (10 characters) | 7E 30 30 35 31 38 20 31 38 0D | F | P | | | | | | |
| *XX518 | | 19 ~nn...n (10 characters) | 7E 30 30 35 31 38 20 31 39 0D | F | P | | | | | | |
| *XX518 | | 20 ~nn...n (10 characters) | 7E 30 30 35 31 38 20 32 30 0D | F | P | | | | | | |
| *XX518 | | 21 ~nn...n (10 characters) | 7E 30 30 35 31 38 20 32 31 0D | F | P | | | | | | |
| *XX518 | | 22 ~nn...n (10 characters) | 7E 30 30 35 31 38 20 32 32 0D | F | P | | | | | | |
| *XX519 | | 1 | 7E 30 30 35 31 39 20 31 0D | F | P | | | | | | |
| *XX309 | | 1 | 7E 30 30 33 30 39 20 31 0D | F | P | | | | | | |
| *XX309 | | 2 | 7E 30 30 33 30 39 20 32 0D | F | P | | | | | | |
| *XX309 | | 3 | 7E 30 30 33 30 39 20 33 0D | F | P | | | | | | |
| *XX101 | | 0 | 7E 30 30 31 30 31 20 30 0D | F | P | | | | | | |
| *XX101 | | 1 | 7E 30 30 31 30 31 20 31 0D | F | P | | | | | | |
| *XX348 | | 0 | 7E 30 30 33 34 38 20 30 0D | F | P | | | | | | |
| *XX348 | | 1 | 7E 30 30 33 34 38 20 31 0D | F | P | | | | | | |
| *XX103 | | 0 | 7E 30 30 31 30 33 20 30 0D | F | P | | | | | | |
| *XX103 | | 1 | 7E 30 30 31 30 33 20 31 0D | F | P | | | | | | |
| *XX362 | | 0 | 7E 30 30 33 36 32 20 30 0D | F | P | | | | | | |
| *XX362 | | 1 | 7E 30 30 33 36 32 20 31 0D | F | P | | | | | | |
| *XX102 | | 0 | 7E 30 30 31 30 32 20 30 0D | F | P | | | | | | |
| *XX102 | | 1 | 7E 30 30 31 30 32 20 31 0D | F | P | | | | | | |
| *XX82 | | 1 | 7E 30 30 38 32 20 31 0D | F | P | | | | | | |
| *XX82 | | 3 | 7E 30 30 38 32 20 33 0D | F | P | | | | | | |
| *XX82 | | 2 | 7E 30 30 38 32 20 32 0D | F | P | | | | | | |
| *XX83 | | 1 | 7E 30 30 38 33 20 31 0D | F | P | | | | | | |
| *XX503 | | 0 | 7E 30 30 35 30 33 20 30 0D | F | P | | | | | | |
| *XX503 | | 1 | 7E 30 30 35 30 33 20 31 0D | F | P | | | | | | |
| *XX104 | | 0 | 7E 30 30 31 30 34 20 30 0D | F | P | | | | | | |
| *XX104 | | 1 | 7E 30 30 31 30 34 20 31 0D | F | P | | | | | | |
| *XX104 | | 3 | 7E 30 30 31 30 34 20 33 0D | F | P | | | | | | |
| *XX104 | | 4 | 7E 30 30 31 30 34 20 34 0D | F | P | | | | | | |
| *XX104 | | 6 | 7E 30 30 31 30 34 20 36 0D | F | P | | | | | | |
| *XX104 | | 7 | 7E 30 30 31 30 34 20 37 0D | F | P | | | | | | |
| *XX168 | | 1 | 7E 30 30 31 36 38 20 31 0D | F | P | *XX158 | | 1 | 7E 30 30 31 35 38 20 31 0D | F | P |
| *XX168 | | 0 | 7E 30 30 31 36 38 20 30 0D | F | P | *XX158 | | 1 | 7E 30 30 31 35 38 20 31 0D | F | P |
| *XX168 | | 9 | 7E 30 30 31 36 38 20 39 0D | F | P | | | | | | |
| *XX546 | | 1 | 7E 30 30 35 34 36 20 31 0D | F | P | | | | | | |
| *XX112 | | 1 | 7E 30 30 31 31 32 20 31 0D | F | P | | | | | | |
| *XX112 | | 1 ~nnnn | 7E 30 30 31 31 32 20 31 20 7E 30 30 30 30 0D to 7E 30 30 31 31 32 20 31 20 7E 30 39 39 39 0D *nnnn=password *nnnn = ~0000 (a=7E 30 30 30 30) ~nnnn (~7E 30 30 30 30)!" | F | P | | | | | | |
| *XX450 | | 0 | 7E 30 30 34 35 30 20 30 0D | F | P | | | | | | |
| *XX450 | | 1 | 7E 30 30 34 35 30 20 31 0D | F | P | | | | | | |
| | | | | | | *XX451 | | 1 | 7E 30 30 34 35 31 20 31 0D | F | P |
| | | | | | | *XX451 | | 1 | 7E 30 30 34 35 31 20 31 0D | F | P |
| | | | | | | *XX555 | | 2 | 7E 30 30 35 35 35 20 32 0D | F | P |
| | | | | | | *XX451 | | 2 | 7E 30 30 34 35 31 20 32 0D | F | P |
| | | | | | | *XX451 | | 3 | 7E 30 30 34 35 31 20 33 0D | F | P |

Note : Some commands are not supported, it depends on models

| Level 1 | Level 2 | Level 3 | Level 4 | Level 5 | n value | |
|--------------------------|-------------------------------|------------------------|---------|---------|---------|--|
| 3D Frame Delay | 1~200 | | | | | |
| Output 3D state | 2D 3D | | | | | |
| System Auto Send | Standby Mode | | | | | |
| | Warming up | | | | | |
| | Cooling Down | | | | | |
| | Out of Range | | | | | |
| | LightSource Fail (LED Fail) | | | | | |
| | Thermal Switch Error | | | | | |
| | Fan Lock | | | | | |
| | Over Temperature | | | | | |
| | LightSource Hours Running Out | | | | | |
| | Cover Open | | | | | |
| | LightSource Ignite Fail | | | | | |
| | Format Board Power On Fail | | | | | |
| | Color Wheel Unexpected Stop | | | | | |
| | Over Temperature | | | | | |
| | FAN 1 Lock | | | | | |
| | FAN 2 Lock | | | | | |
| | FAN 3 Lock | | | | | |
| | FAN 4 Lock | | | | | |
| | FAN 5 Lock | | | | | |
| | LAN fail then restart | | | | | |
| | LD lower than 60% | | | | | |
| | LD NTC (1) Over Temperature | | | | | |
| | LD NTC (2) Over Temperature | | | | | |
| High Ambient Temperature | | | | | | |
| System Ready | | | | | | |
| Model Name | Optoma SVGA | | | | | |
| | Optoma XGA | | | | | |
| | Optoma WXGA | | | | | |
| | Optoma 1080P | | | | | |
| | Optoma WUXGA | | | | | |
| Optoma UHD | | | | | | |
| RS232 Version No | | | | | | |
| Software Version | | | | | | |
| LAN FW version | | | | | | |
| Fan Speed | Fan 1 Speed | 0000~9999 | | | | |
| | Fan 2 Speed | 0000~9999 | | | | |
| | Fan 3 Speed | 0000~9999 | | | | |
| | Fan 4 Speed | 0000~9999 | | | | |
| System Temperature | | | | | | |
| Current Watt | | | | | | |
| Information | Info String | | | | | |
| | Native Resolution | | | | | |
| | Main Source | | | | | |
| | - Resolution | | | | | |
| | - Signal Format | | | | | |
| | - Pixel Clock | | | | | |
| | - Horz Refresh | | | | | |
| | - Vert Refresh | | | | | |
| | Sub Source | | | | | |
| | - Resolution | | | | | |
| | - Signal Format | | | | | |
| | - Pixel Clock | | | | | |
| | - Horz Refresh | | | | | |
| | - Vert Refresh | | | | | |
| | Light Source Mode | | | | | |
| | Standby Power Mode | Active Eco. | | | | |
| | DHCP | Off On | | | | |
| | System Temperature | | | | | |
| | Refresh rate | | | | | |
| | Current Lamp Source | Lamp1 Lamp2 Both | | | | |
| | Color Wheel Index | 2x | | | | |
| | | 3x | | | | |
| | | 2x (Value) | | | | |

| Write Command | | | | | | Read Command | | | | | |
|---------------|-------|-----------|---|----------|------|--------------|-------|-----------|---|----------|------------|
| Command | | | | Response | | Command | | | | Response | |
| CMD | space | Set Para. | HEX Code | Fail | Pass | CMD | space | CMD Value | HEX Code | Fail | Pass |
| ~XX233 | | 1~nnn | 7E 30 30 32 33 33 20 31 0D to 7E 30 30 32 33 33 20 6E 6E 0D | | | | | | | | |
| | | | | | | ~XX130 | | 1 | 7E 30 30 31 33 30 20 31 0D | F | |
| | | | | | | ~XX130 | | 1 | 7E 30 30 31 33 30 20 31 0D | F | |
| | | | | | | | | | | | O k 0 |
| | | | | | | | | | | | O k 1 |
| | | | | | | | | | | | I N F O 0 |
| | | | | | | | | | | | I N F O 1 |
| | | | | | | | | | | | I N F O 2 |
| | | | | | | | | | | | I N F O 3 |
| | | | | | | | | | | | I N F O 4 |
| | | | | | | | | | | | I N F O 5 |
| | | | | | | | | | | | I N F O 6 |
| | | | | | | | | | | | I N F O 7 |
| | | | | | | | | | | | I N F O 8 |
| | | | | | | | | | | | I N F O 9 |
| | | | | | | | | | | | I N F O 10 |
| | | | | | | | | | | | I N F O 11 |
| | | | | | | | | | | | I N F O 12 |
| | | | | | | | | | | | I N F O 13 |
| | | | | | | | | | | | I N F O 14 |
| | | | | | | | | | | | I N F O 15 |
| | | | | | | | | | | | I N F O 16 |
| | | | | | | | | | | | I N F O 17 |
| | | | | | | | | | | | I N F O 18 |
| | | | | | | | | | | | I N F O 19 |
| | | | | | | | | | | | I N F O 20 |
| | | | | | | | | | | | I N F O 21 |
| | | | | | | | | | | | I N F O 22 |
| | | | | | | | | | | | I N F O 23 |
| | | | | | | | | | | | I N F O 24 |
| | | | | | | ~XX151 | | 1 | 7E 30 30 31 35 31 20 31 0D | F | |
| | | | | | | ~XX151 | | 1 | 7E 30 30 31 35 31 20 31 0D | F | |
| | | | | | | ~XX151 | | 1 | 7E 30 30 31 35 31 20 31 0D | F | |
| | | | | | | ~XX151 | | 1 | 7E 30 30 31 35 31 20 31 0D | F | |
| | | | | | | ~XX151 | | 1 | 7E 30 30 31 35 31 20 31 0D | F | |
| | | | | | | ~XX151 | | 1 | 7E 30 30 31 35 31 20 31 0D | F | |
| | | | | | | ~XX152 | | 1 | 7E 30 30 31 35 32 20 31 0D | F | |
| | | | | | | ~XX122 | | 1 | 7E 30 30 31 32 32 20 31 0D | F | |
| | | | | | | ~XX357 | | 1 | 7E 30 30 33 35 37 20 31 0D | F | |
| | | | | | | ~XX351 | | 1 | 7E 30 30 33 35 31 20 31 0D | F | |
| | | | | | | ~XX351 | | 2 | 7E 30 30 33 35 31 20 32 0D | F | |
| | | | | | | ~XX351 | | 3 | 7E 30 30 33 35 31 20 33 0D | F | |
| | | | | | | ~XX351 | | 4 | 7E 30 30 33 35 31 20 34 0D | F | |
| | | | | | | ~XX352 | | 1 | 7E 30 30 33 35 32 20 31 0D | F | |
| | | | | | | ~XX358 | | 1 | 7E 30 30 33 35 38 20 31 0D | F | |
| | | | | | | ~XX150 | | 1 | 7E 30 30 31 35 30 20 31 0D | F | |
| | | | | | | ~XX150 | | 2 | 7E 30 30 31 35 30 20 32 0D | F | |
| | | | | | | ~XX150 | | 3 | 7E 30 30 31 35 30 20 33 0D | F | |
| | | | | | | ~XX150 | | 4 | 7E 30 30 31 35 30 20 34 0D | F | |
| | | | | | | ~XX150 | | 5 | 7E 30 30 31 35 30 20 35 0D | F | |
| | | | | | | ~XX150 | | 6 | 7E 30 30 31 35 30 20 36 0D | F | |
| | | | | | | ~XX150 | | 7 | 7E 30 30 31 35 30 20 37 0D | F | |
| | | | | | | ~XX150 | | 8 | 7E 30 30 31 35 30 20 38 0D | F | |
| | | | | | | ~XX150 | | 9 | 7E 30 30 31 35 30 20 39 0D | F | |
| | | | | | | ~XX150 | | 10 | 7E 30 30 31 35 30 20 31 0D | F | |
| | | | | | | ~XX150 | | 11 | 7E 30 30 31 35 30 20 31 31 0D | F | |
| | | | | | | ~XX150 | | 12 | 7E 30 30 31 35 30 20 31 32 0D | F | |
| | | | | | | ~XX150 | | 13 | 7E 30 30 31 35 30 20 31 33 0D | F | |
| | | | | | | ~XX150 | | 14 | 7E 30 30 31 35 30 20 31 34 0D | F | |
| | | | | | | ~XX150 | | 15 | 7E 30 30 31 35 30 20 31 35 0D | F | |
| | | | | | | ~XX150 | | 16 | 7E 30 30 31 35 30 20 31 36 0D | F | |
| | | | | | | ~XX150 | | 16 | 7E 30 30 31 35 30 20 31 36 0D | F | |
| | | | | | | ~XX150 | | 17 | 7E 30 30 31 35 30 20 31 37 0D | F | |
| | | | | | | ~XX150 | | 17 | 7E 30 30 31 35 30 20 31 37 0D | F | |
| | | | | | | ~XX150 | | 18 | 7E 30 30 31 35 30 20 31 38 0D | F | |
| | | | | | | ~XX150 | | 19 | 7E 30 30 31 35 30 20 31 39 0D | F | |
| | | | | | | ~XX150 | | 20 | 7E 30 30 31 35 30 20 32 30 0D | F | |
| | | | | | | ~XX150 | | 20 | 7E 30 30 31 35 30 20 32 30 0D | F | |
| | | | | | | ~XX150 | | 20 | 7E 30 30 31 35 30 20 32 30 0D | F | |
| | | | | | | ~XX547 | | 1 | 7E 30 30 35 34 37 20 31 0D | F | P |
| | | | | | | ~XX547 | | 2 | 7E 30 30 35 34 37 20 32 0D | F | P |
| | | | | | | ~XX553 | | 0~248 | 7E 30 30 35 35 33 20 30 0D to 7E 30 30 35 35 33 20 32 38 0D | F | P |
| | | | | | | ~XX559 | | 2 | 7E 30 30 35 35 39 20 32 0D | F | |
| | | | | | | | | | | | O k 0~248 |

Note : Some commands are not supported, it depends on models

Note *1
~xx150

| Power | LightSource Life | | | | | Input Source | | Firmware Version | | | | Display Mode | |
|-------------------------------|---|---|---|---|---|----------------------------------|---|------------------|---|---|---|-------------------------------------|---|
| a | b | b | b | b | b | c | c | d | d | d | d | e | e |
| a=0 Power Off a=1 Power On | LightSource Life = nnnn Calucalte by each mode formula | | | | | cc=00 None | | # | # | # | # | ee=00 None | |
| | | | | | | cc=01 DVI | | | | | | ee=01 Presentation (Old: Cinema) | |
| | | | | | | cc=02 VGA1 | | | | | | ee=02 Bright | |
| | | | | | | cc=03 VGA2 | | | | | | ee=03 Cinema (Old: Movie/Photo) | |
| | | | | | | cc=04 S-Video | | | | | | ee=04 sRGB\Reference\Standard | |
| | | | | | | cc=05 Video | | | | | | ee=05 User(1) | |
| | | | | | | cc=06 BNC | | | | | | ee=06 User2 | |
| | | | | | | cc=07 HDMI1 | | | | | | ee=07 Blackboard | |
| | | | | | | cc=08 HDMI2 | | | | | | ee=08 Classroom | |
| | | | | | | cc=09 Wireless | | | | | | ee=09 3D | |
| | | | | | | cc=10 Compnent | | | | | | ee=10 DICOM SIM. | |
| | | | | | | cc=11 Flash drive | | | | | | ee=11 Film | |
| | | | | | | cc=12 Network Display(Presenter) | | | | | | ee=12 Game | |
| | | | | | | cc=13 USB Display | | | | | | ee=13 Cinema | |
| | | | | | | cc=14 HDMI3 | | | | | | ee=14 Vivid | |
| | | | | | | cc=15 DisplayPort | | | | | | ee=15 ISF Day | |
| | | | | | | cc=16 HDBaseT | | | | | | ee=16 ISF Night | |
| | | | | | | cc=17 Multimedia | | | | | | ee=17 ISF 3D | |
| | | | | | | | | | | | | ee=18 2D high speed | |
| | | | | | | | | | | | | ee=19 Blending Mode | |
| | | | | | | | | | | | | ee=20 Sport | |
| | | | | | | | | | | | | ee=21 HDR | |
| | | | | | | | | | | | | ee=22 HDR SIM. | |
| | | | | | | | | | | | | ee=23 Super Bright | |
| | | | | | | | | | | | | ee=24 (Alexa auto check 2D/3D User) | |

Note : Some commands are not supported, it depends on models

