

PS750 RS-232 command set

History

No	Issue Date	Version	Description	Apply Firmware
1	2010/10/18	1.0	First version.	TBD

***Notice:**

1. The RS-232 command list is for PS750
2. The blue highlight  means the latest update
3. The yellow highlight  means the deleted item.

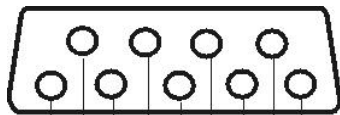
1. Communication Protocol

Transmit Method: Asynchronous Interface Half Duplex Serial Communication.

- Transmit Speed: 9600bps
- Start bit: 1Bit
- Parity Check: NA
- Data Bit: 8Bit
- Stop Bit: 1Bit

2. The wire diagram

The RS232 wire diagram between presenter and remote controller as below



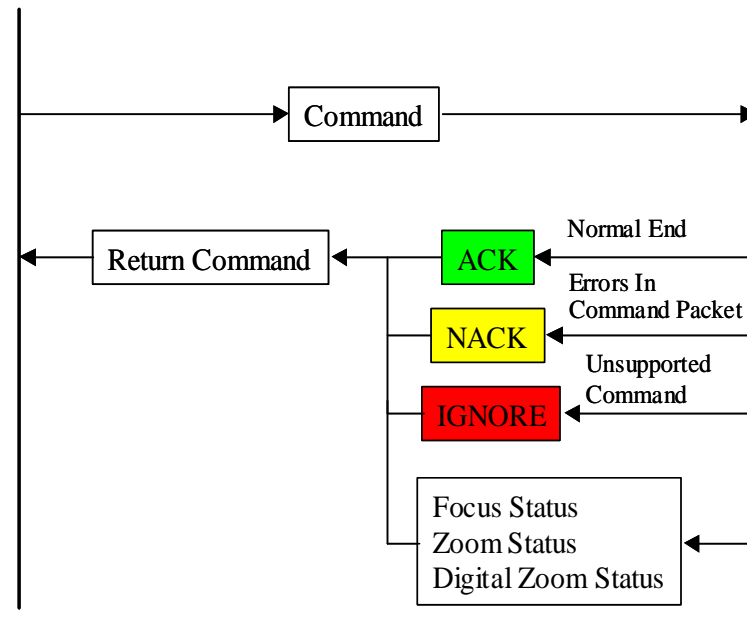
Female

CONNECTIONS		
DB 9F	COLOUR	DB 9F
2	-	3
3	-	2
5	-	5
SHELL	DRAIN	SHELL

3. Communication Program

Host Controller

Camera Module



4. Command Format

4.1 Command Packet Format

1Byte	STX	Start Of Command	: A0h
2Byte	Command	Command	: 00~FFh
3Byte	Parameter1	Data	: 00~FFh
4Byte	Parameter2	Data	: 00~FFh
5Byte	Parameter3	Data	: 00~FFh
6Byte	ETX	End Of Command	: AFh

4.2 Return Packet Format

1Byte	STX	Start Of Command	: A0h	
2Byte	Command	Command	: 00~ FFh	
3Byte	Parameter1	Data	: 00~FFh	
4Byte	Parameter2	Data	: 00~FFh	
5Byte	Status	<Bit>	<Contents>	
		7	(0)	
		6	Iris Moving Status (1)/(0)Stop Status	
		5	Zoom Moving Status (1)/(0)Stop Status	
		4	Focus Moving Status (1)/(0)Stop Status	
		3	(0)	
		2	(0)	
		1	Communication Response 0=ACK/1=NAK/2=IGNORE/3=Not Used	
0	Communication Response			
6Byte	ETX	End Of Command	: AFh	
Communication Response		Bit1	Bit0	Status

ACK	0	0	Capable Of Normal End Or Normal Operation
NAK	0	1	Detecting Errors In Command Packet(STX, ETX Byte)
			Parity Error ,Framing Error, Overrun Error
			Data in out of specified range
IGNORE	1	0	Cannot execute the transmitted command for other operations
			Unsupported command
Not Used	1	1	

5. Command Packet

Item	Function	PC AP to PS750 Master command format						Comment
		1B	2B	3B	4B	5B	6B	
1	Preset/Factory Reset	A0h	03h	P1	P2	00h	AFh	P1=0, P2=00/01:Preset Load/Save P1=1:Factory Reset
2	Slide show On/Off	A0h	04h	P1	00h	00h	AFh	P1=00/01:Off/On
3	Slide show Effect	A0h	05h	P1	00h	00h	AFh	P1=0~5:Off/Shutter/Right/Down/Side/Open
4	Slide show Delay	A0h	06h	P1	00h	00h	AFh	P1=0~4:1sec/3sec/5sec/10sec/Manual
5	Image/Record Quality	A0h	07h	P1	00h	00h	AFh	P1=00/01/02:High/Medium/Low
6	Copy To SD Card	A0h	08h	00h	00h	00h	AFh	
7	Zoom Stop	A0h	10h	00h	00h	00h	AFh	
8	Zoom Start (No AF)	A0h	11h	P1	00h	00h	AFh	P1=00/01:Tele/Wide
9	Zoom Direct (Straight, No AF)	A0h	13h	P1	P2	00h	AFh	P1(LowByte) · P2(HighByte)=SXGA:0~33 · WXGA:0~35 · XGA:0~43(Dec):Zoom Position
10	Auto Erase	A0h	14h	P1	00h	00h	AFh	P1=00/01:Auto Erase off/on
11	Digital Zoom Limit	A0h	15h	P1	00h	00h	AFh	P1=01~04:1x~4x
12	Digital Zoom Direct	A0h	18h	P1	00h	00h	AFh	P1= Rotate 0/180 XGA:0~63(Dec) Rotate 0/180 WXGA:0~71(Dec) Rotate 0/180 SXGA:0~73(Dec) Rotate 90/270 SXGA · WXGA · XGA:0~78(Dec) Digital Zoom Position
13	Focus Stop	A0h	19h	00h	00h	00h	AFh	
14	Focus Start	A0h	1Ah	P1	P2	00h	AFh	P1=00/01:Near/Far P2=01~05:Speed
15	Focus Direct (No Limit)	A0h	1Bh	P1	P2	P3	AFh	P1(LowByte)P2(HighByte)=0~258(Dec):Focus Position P3=01~05:Speed
16	Zoom Start (with AF)	A0h	1Dh	P1	00h	00h	AFh	P1=00/01:Tele/Wide

Item	Function	PC AP to PS750 Master command format						Comment
		1B	2B	3B	4B	5B	6B	
17	Zoom Direct (Straight) (with AF)	A0h	1Fh	P1	P2	P3	AFh	P1(LowByte) · P2(HighByte)=SXGA:0~33 · WXGA:0~35 · XGA:0~43(Dec):Zoom Position
18	White Balance (AWB, Auto Tune)	A0h	22h	P1	00h	00h	AFh	P1=00/01:Auto Tune/AWB
19	White Balance Manual	A0h	23h	P1	P2	00h	AFh	P1=01/02 : +1/-1(Red Gain) P2=01/02 : +1/-1(Blue Gain)
20	Pan PBP	A0h	25h	P1	P2	00h	AFh	P2=00/01:Still/Preview P1= XGA:0~32(Dec)Step SXGA · WXGA:0~40(Dec)Step
21	Set Pan Mode	A0h	26h	P1	00h	00h	AFh	P1= 00 off · P1 = 01 on
22	Call DIP Switch Value	A0h	29h	00h	00h	00h	AFh	P1:DIP Switch Value
23	Freeze	A0h	2Ch	P1	00h	00h	AFh	P1=00/01:Off/On
24	Iris	A0h	30h	P1	P2	00h	AFh	P1=00/01/02:Auto/Manual/Stop (Norma AC 50/60Hz)P2=00~86(Dec):Brightness (Microscope AC 50Hz)P2=00~69(Dec):Brightness (Microscope AC 60Hz)P2=00~75(Dec):Brightness
25	Switch USB Transfer	A0h	32h	P1	00h	00h	AFh	P1=00/01:Mass Storage/USB Camera
26	LogoDelay	A0h	34h	P1	00h	00h	AFh	P1=0~30 (sec)
27	Negative (film)	A0h	36h	P1	00h	00h	AFh	P1=00/01:Off/On
28	Color (gray)	A0h	37h	P1	00h	00h	AFh	P1=00/01:Photo/Gray
29	Language Select	A0h	38h	P1	00h	00h	AFh	P1=0~12(Dec): English/Traditional Chinese/German/French/Spanish/Russian/Dutch/Finnish /Polish/Italian/Portuguese/Swedish/Czech
30	Brightness Control	A0h	39h	P1	00h	00h	AFh	P1=00/01:-1/+1
31	Source live/PC	A0h	3Ah	00h	00h	00h	AFh	Live->VGA1->VGA2->CVideo->SVideo->Live

Item	Function	PC AP to PS750 Master command format						Comment
		1B	2B	3B	4B	5B	6B	
32	Source Monitor	A0h	3Ch	00h	00h	00h	AFh	VGA1<-->VGA2
33	Disable Digital Zoom After Optical Zoom	A0h	40h	P1	00h	00h	AFh	P1=00/01:Disable/Enable
34	Call Master Version	A0h	45h	00h	00h	00h	AFh	PVExxx = PVE P1 P2 P3(ASCII)
34	Call AE Status	A0h	46h	00h	00h	00h	AFh	P1=00/01:Off/On
36	Enable/Disable LOGO Image	A0h	47h	P1	00h	00h	AFh	P1=00/01:Off/On
37	Playback Image Index Change Page	A0h	4Ah	P1	00h	00h	AFh	P1=00/01:Page Up/Page Down
38	Call Slave Version	A0h	4Dh	00h	00h	00h	AFh	PVGxxx = PVG P1 P2 P3(ASCII)
39	Frame Average	A0h	4Eh	P1	00h	00h	AFh	P1=00/01:Off/On
40	Call lamp Status	A0h	50h	00h	00h	00h	AFh	P1=00/01/02:Off/Arm Light/Back Light
41	Call Text/Photo Status	A0h	51h	00h	00h	00h	AFh	P1=00/01/02:Photo/Text/Gray P1=00/01:Read/Write P2=0x00~0xff
42	reg1	A0h	52h	P1	P2	00h	AFh	
43	reg2	A0h	53h	P1	P2	00h	AFh	
44	reg3	A0h	54h	P1	P2	00h	AFh	
45	Call AC power state	A0h	58h	00h	00h	00h	AFh	0:50Hz 1:60Hz 99:No signal 77:with signal, but which is incorrect
46	Call Zoom Position	A0h	60h	00h	00h	00h	AFh	P1(LowByte) , P2(HighByte)=SXGA:0~33 · WXGA:0~35 · XGA:0~43(Dec):Zoom Position
47	Call Digital Zoom Position	A0h	62h	00h	00h	00h	AFh	P1= Rotate 0/180 XGA:0~63(Dec) Rotate 0/180 WXGA:0~71(Dec) Rotate 0/180 SXGA:0~73(Dec) Rotate 90/270 SXGA · WXGA · XGA:0~78(Dec) Digital Zoom Position

Item	Function	PC AP to PS750 Master command format						Comment
		1B	2B	3B	4B	5B	6B	
48	Call Focus Position	A0h	64h	00h	00h	00h	AFh	P1(LowByte)P2(HighByte)=0~258(Dec):Focus Position
49	Call Freeze Status	A0h	78h	00h	00h	00h	AFh	P1=00/01:Off/On
50	Call Iris Status	A0h	7Ah	00h	00h	00h	AFh	P1=00/01:Auto/Manual · Stop (Norma AC 50/60Hz)P2=00~86(Dec):Brightness (Microscope AC 50Hz)P2=00~69(Dec):Brightness (Microscope AC 60Hz)P2=00~75(Dec):Brightness
51	Call Negative	A0h	87h	00h	00h	00h	AFh	P1=00/01:Off/On
52	Call Color	A0h	88h	00h	00h	00h	AFh	P1=00/01:Photo/Gray
53	Call Brightness Position	A0h	89h	00h	00h	00h	AFh	(Norma AC 50/60Hz)P1=00~86(Dec):Brightness (Microscope AC 50Hz)P1=00~88(Dec):Brightness (Microscope AC 60Hz)P1=00~94(Dec):Brightness
54	Call Mix Zoom Position	A0h	8Ah	00h	00h	00h	AFh	P1(LowByte)P2(HighByte)=0~90(Dec):Mix Zoom Position
55	Call Menu Status	A0h	8Bh	00h	00h	00h	AFh	P1=00/01:Off/On
56	Capture type	A0h	96h	P1	00h	00h	AFh	P1=00/01/02:Single/Continuous/Disable
57	Capture time	A0h	97h	P1	00h	00h	AFh	P1=00/01/02/03/04:1hr/ 2hr/ 4hr/ 8hr/ 24hr
58	Capture interval	A0h	98h	P1	00h	00h	AFh	P1=00/01/02/03/04/05:5sec /10sec /30sec /1min/ 2min /5min
59	Key Function	A0h	A0h	P1	00h	00h	AFh	P1=01/02/03/04/05/06=Enter/Up/Down/Left/Right/Menu
60	Set R/B Gain	A0h	A1h	P1	P2	P3	AFh	P1=01/02:Red Gain/Blue Gain P2(LowByte)P3(HighByte)=0~1023(Dec):Gain
61	Call R/B Gain	A0h	A2h	P1	00h	00h	AFh	Send : P1=01/02:Red Gain/Blue Gain Return : P1(LowByte)P2(HighByte)=0~1023(Dec):Gain
62	AF One Push Trigger	A0h	A3h	01h	00h	00h	AFh	
63	Set Sharpness (Gamma)	A0h	A7h	P1	00h	00h	AFh	P1=00/01/02:Photo/Text/Gray

Item	Function	PC AP to PS750 Master command format						Comment
		1B	2B	3B	4B	5B	6B	
64	Set Image Mode	A0h	A9h	P1	00h	00h	AFh	P1=00/01/02/03:Normal/Slide/Film/Microscope
65	Night Vision	A0h	ABh	P1	00h	00h	AFh	P1=00/01:Off/On
66	System ON/OFF	A0h	B0h	P1	00h	00h	AFh	P1=00/01:Off/On
67	Power	A0h	B1h	P1	00h	00h	AFh	P1=00/01:Off/On
68	Capture	A0h	B2h	P1	00h	00h	AFh	P1=00/01:Capture/Record
69	Playback thumbnail	A0h	B3h	P1	00h	00h	AFh	P1=00/01:Thumbnail/PBP Thumbnail
70	Preview rotation	A0h	B4h	P1	00h	00h	AFh	P1=00/01/02/03:Rotate 0/90/180/270
71	Delete	A0h	B6h	P1	P2	00h	AFh	P1=00/01/02: Delete one/Delete all/Format Format: P2=00/01 Format Nan B\External
72	call system status	A0h	B7h	00h	00h	00h	AFh	P1(system status)=00/01:not ready/Ready to receive the command P2(Power Status)=00/01:Off/On
73	AC Frequency Select	A0h	B8h	P1	00h	00h	AFh	P1=00/01:50 Hz/60 Hz
74	Lamp On/Off	A0h	C1h	P1	00h	00h	AFh	P1=00/01:Disable/Arm Light/Back Light
75	USB Camera	A0h	C9h	P1	00h	00h	AFh	P1=00/01:Disable/Enable
76	Firmware Upgrade	A0h	CBh	P1	00h	00h	AFh	P1=00/01:External/Internal
77	Set Audio Volume	A0h	D6h	P1	00h	00h	AFh	P1=0~15(Dec):Volume
78	Call Audio Volume	A0h	D7h	00h	00h	00h	AFh	P1(LowByte)P2(HighByte) val=(0~15)
79	ServcieMenu	A0h	DCh	P1	00h	00h	AFh	P1=00/01:ServiecMenu1/ServiecMenu2

6. Return Packet

Item	Function	PC AP to PS750 Master command format						Comment
		1B	2B	3B	4B	5B	6B	
1	Preset/Factory Reset	A0h	03h	P1	P2	St.	AFh	P1=0, P2=00/01:Preset Load/Save P1=1:Factory Reset
2	Slide show On/Off	A0h	04h	P1	00h	St.	AFh	P1=00/01:Off/On
3	Slide show Effect	A0h	05h	P1	00h	St.	AFh	P1=0~5:Off/Shutter/Right/Down/Side/Open
4	Slide show Delay	A0h	06h	P1	00h	St.	AFh	P1=0~4:1sec/3sec/5sec/10sec/Manual
5	Image/Record Quality	A0h	07h	P1	00h	St.	AFh	P1=00/01/02:High/Medium/Low
6	Copy To SD Card	A0h	08h	00h	00h	St.	AFh	
7	Zoom Stop	A0h	10h	00h	00h	St.	AFh	
8	Zoom Start (No AF)	A0h	11h	P1	00h	St.	AFh	P1=00/01:Tele/Wide
9	Zoom Direct (Straight, No AF)	A0h	13h	P1	P2	St.	AFh	P1(LowByte) · P2(HighByte)=SXGA:0~33 · WXGA:0~35 · XGA:0~43(Dec):Zoom Position
10	Auto Erase	A0h	13h	P1	00h	St.	AFh	P1=00/01:Auto Erase off/on
11	Digital Zoom Limit	A0h	15h	P1	00h	St.	AFh	P1=01~04:1x~4x
12	Digital Zoom Direct	A0h	18h	P1	00h	St.	AFh	P1= Rotate 0/180 XGA:0~63(Dec) Rotate 0/180 WXGA:0~71(Dec) Rotate 0/180 SXGA:0~73(Dec) Rotate 90/270 SXGA · WXGA · XGA:0~78(Dec) Digital Zoom Position
13	Focus Stop	A0h	19h	00h	00h	St.	AFh	
14	Focus Start	A0h	1Ah	P1	P2	St.	AFh	P1=00/01:Near/Far P2=01~05:Speed
15	Focus Direct (No Limit)	A0h	1Bh	P1	P2	St.	AFh	P1(LowByte)P2(HighByte)=0~258(Dec):Focus Position P3=01~05:Speed
16	Zoom Start (with AF)	A0h	1Dh	P1	00h	St.	AFh	P1=00/01:Tele/Wide

Item	Function	PC AP to PS750 Master command format						Comment
		1B	2B	3B	4B	5B	6B	
17	Zoom Direct (Straight) (with AF)	A0h	1Fh	P1	P2	St.	AFh	P1(LowByte) · P2(HighByte)=SXGA:0~33 · WXGA:0~35 · XGA:0~43(Dec):Zoom Position
18	White Balance (AWB, Auto Tune)	A0h	22h	P1	00h	St.	AFh	P1=00/01:Auto Tune/AWB
19	White Balance Manual	A0h	23h	P1	P2	St.	AFh	P1=01/02 : +1/-1(Red Gain) P2=01/02 : +1/-1(Blue Gain)
20	Pan PBP	A0h	25h	P1	P2	St.	AFh	P2=00/01:Still/Preview P1= XGA:0~32(Dec)Step SXGA · WXGA:0~40(Dec)Step
21	Set Pan Mode	A0h	26h	P1	00h	St.	AFh	P1= 00 off · P1 = 01 on
22	Call DIP Switch Value	A0h	29h	P1	00h	St.	AFh	P1:DIP Switch Value
23	Freeze	A0h	2Ch	P1	00h	St.	AFh	P1=00/01:Off/On
24	Iris	A0h	30h	P1	P2	St.	AFh	P1=00/01/02:Auto/Manual/Stop (Norma AC 50/60Hz)P2=00~86(Dec):Brightness (Microscope AC 50Hz)P2=00~69(Dec):Brightness (Microscope AC 60Hz)P2=00~75(Dec):Brightness
25	Switch USB Transfer	A0h	32h	P1	00h	St.	AFh	P1=00/01:Mass Storage/USB Camera
26	LogoDelay	A0h	32h	P1	00h	St.	AFh	P1=0~30 (sec)
27	Negative (film)	A0h	36h	P1	00h	St.	AFh	P1=00/01:Off/On
28	Color (gray)	A0h	37h	P1	00h	St.	AFh	P1=00/01:Photo/Gray
29	Language Select	A0h	38h	P1	00h	St.	AFh	P1=0~12(Dec): English/Traditional Chinese/German/French/Spanish/Russian/Dutch/Finnish /Polish/Italian/Portuguese/Swedish/Czech
30	Brightness Control	A0h	39h	P1	00h	St.	AFh	P1=00/01:-1/+1
31	Source live/PC	A0h	3Ah	P1	00h	St.	AFh	Live->VGA1->VGA2->CVideo->SVideo->Live

Item	Function	PC AP to PS750 Master command format						Comment
		1B	2B	3B	4B	5B	6B	
32	Source Monitor	A0h	3Ch	P1	00h	St.	AFh	VGA1<-->VGA2
33	Disable Digital Zoom After Optical Zoom	A0h	40h	P1	00h	St.	AFh	P1=00/01:Disable/Enable
34	Call Master Version	A0h	45h	P1	P2	P3	AFh	PVExxx = PVE P1 P2 P3(ASCII)
34	Call AE Status	A0h	46h	P1	00h	St.	AFh	P1=00/01:Off/On
36	Enable/Disable LOGO Image	A0h	47h	P1	00h	St.	AFh	P1=00/01:Off/On
37	Playback Image Index Change Page	A0h	4Ah	P1	00h	St.	AFh	P1=00/01:Page Up/Page Down
38	Call Slave Version	A0h	4Dh	P1	P2	P3	AFh	PVGxxx = PVG P1 P2 P3(ASCII)
39	Frame Average	A0h	4Eh	P1	00h	St.	AFh	P1=00/01:Off/On
40	Call lamp Status	A0h	50h	P1	00h	St.	AFh	P1=00/01/02:Off/Arm Light/Back Light
41	Call Text/Photo Status	A0h	51h	P1	00h	St.	AFh	P1=00/01/02:Photo/Text/Gray P1=00/01:Read/Write P2=0x00~0xff
42	reg1	A0h	52h	P1	P2	St.	AFh	
43	reg2	A0h	53h	P1	P2	St.	AFh	
44	reg3	A0h	54h	P1	P2	St.	AFh	
45	Call AC power state	A0h	58h	00h	00h	St.	AFh	0:50Hz 1:60Hz 99:No signal 77:with signal, but which is incorrect
46	Call Zoom Position	A0h	60h	P1	P2	St.	AFh	P1(LowByte) , P2(HighByte)=SXGA:0~33 · WXGA:0~35 · XGA:0~43(Dec):Zoom Position
47	Call Digital Zoom Position	A0h	62h	P1	00h	St.	AFh	P1= Rotate 0/180 XGA:0~63(Dec) Rotate 0/180 WXGA:0~71(Dec) Rotate 0/180 SXGA:0~73(Dec) Rotate 90/270 SXGA · WXGA · XGA:0~78(Dec) Digital Zoom Position

Item	Function	PC AP to PS750 Master command format						Comment
		1B	2B	3B	4B	5B	6B	
48	Call Focus Position	A0h	64h	P1	P2	St.	AFh	P1(LowByte)P2(HighByte)=0~258(Dec):Focus Position
49	Call Freeze Status	A0h	78h	P1	00h	St.	AFh	P1=00/01:Off/On
50	Call Iris Status	A0h	7Ah	P1	P2	St.	AFh	P1=00/01:Auto/Manual · Stop (Norma AC 50/60Hz)P2=00~86(Dec):Brightness (Microscope AC 50Hz)P2=00~69(Dec):Brightness (Microscope AC 60Hz)P2=00~75(Dec):Brightness
51	Call Negative	A0h	87h	P1	00h	St.	AFh	P1=00/01:Off/On
52	Call Color	A0h	88h	P1	00h	St.	AFh	P1=00/01:Photo/Gray
53	Call Brightness Position	A0h	89h	P1	00h	St.	AFh	(Norma AC 50/60Hz)P1=00~86(Dec):Brightness (Microscope AC 50Hz)P1=00~88(Dec):Brightness (Microscope AC 60Hz)P1=00~94(Dec):Brightness
54	Call Mix Zoom Position	A0h	8Ah	P1	P2	St.	AFh	P1(LowByte)P2(HighByte)=0~90(Dec):Mix Zoom Position
55	Call Menu Status	A0h	8Bh	P1	00h	St.	AFh	P1=00/01:Off/On
56	Capture type	A0h	96h	P1	00h	St.	AFh	P1=00/01/02:Single/Continuous/Disable
57	Capture time	A0h	97h	P1	00h	St.	AFh	P1=00/01/02/03/04:1hr/ 2hr/ 4hr/ 8hr/ 24hr
58	Capture interval	A0h	98h	P1	00h	St.	AFh	P1=00/01/02/03/04/05:5sec /10sec /30sec /1min/ 2min /5min
59	Key Function	A0h	A0h	P1	00h	St.	AFh	P1=01/02/03/04/05/06=Enter/Up/Down/Left/Right/Menu
60	Set R/B Gain	A0h	A1h	P1	P2	St.	AFh	P1=01/02:Red Gain/Blue Gain P2(LowByte)P3(HighByte)=0~1023(Dec):Gain
61	Call R/B Gain	A0h	A2h	P1	P2	St.	AFh	Send : P1=01/02:Red Gain/Blue Gain Return : P1(LowByte)P2(HighByte)=0~1023(Dec):Gain
62	AF One Push Trigger	A0h	A3h	01h	00h	St.	AFh	
63	Set Sharpness (Gamma)	A0h	A7h	P1	00h	St.	AFh	P1=00/01/02:Photo/Text/Gray

Item	Function	PC AP to PS750 Master command format						Comment
		1B	2B	3B	4B	5B	6B	
64	Set Image Mode	A0h	A9h	P1	00h	St.	AFh	P1=00/01/02/03:Normal/Slide/Film/Microscope
65	Night Vision	A0h	ABh	P1	00h	St.	AFh	P1=00/01:Off/On
66	System ON/OFF	A0h	B0h	P1	00h	St.	AFh	P1=00/01:Off/On
67	Power	A0h	B1h	P1	00h	St.	AFh	P1=00/01:Off/On
68	Capture	A0h	B2h	P1	00h	St.	AFh	P1=00/01:Capture/Record
69	Playback thumbnail	A0h	B3h	P1	00h	St.	AFh	P1=00/01:Thumbnail/PBP Thumbnail
70	Preview rotation	A0h	B4h	P1	00h	St.	AFh	P1=00/01/02/03:Rotate 0/90/180/270
71	Delete	A0h	B6h	P1	P2	St.	AFh	P1=00/01/02: Delete one/Delete all/Format Format: P2=00/01 Format Nan B\External
72	call system status	A0h	B7h	P1	P2	St.	AFh	P1(system status)=00/01:not ready/Ready to receive the command P2(Power Status)=00/01:Off/On
73	AC Frequency Select	A0h	B8h	P1	00h	St.	AFh	P1=00/01:50 Hz/60 Hz
74	Lamp On/Off	A0h	C1h	P1	00h	St.	AFh	P1=00/01:Disable/Arm Light/Back Light
75	USB Camera	A0h	C9h	P1	00h	St.	AFh	P1=00/01:Disable/Enable
76	Firmware Upgrade	A0h	CBh	P1	00h	St.	AFh	P1=00/01:External/Internal
77	Set Audio Volume	A0h	D6h	P1	00h	St.	AFh	P1=0~15(Dec):Volume
78	Call Audio Volume	A0h	D7h	P1	P2	St.	AFh	P1(LowByte)P2(HighByte) val=(0~15)
79	ServcieMenu	A0h	DAh	P1	P2	St.	AFh	P1=00/01:ServiecMenu1/ServiecMenu2

** St : 0 =Action Succeed, 1= NAK (No Action), 2 = Ignore (Command is not in the command list.)