HuddleCamHD 3X Gen2
Conferencing Camera

The HuddleCamHD 3X is ideal for small to medium sized meeting rooms. This camera is compatible with every system that accepts USB cameras.

Model Number:
HC3X-BK-G2 (Black)
HC3X-WH-G2(White)
http://huddlecamhd. com/ huddlecamhd-3x/

KEY FEATURES

- 3X Optical Zoom
- USB 2.0
- RS-232
- 1920 x 1080
- 74° Field of View
- Up to 30 fps
- 64 Presets
- IR Remote

WHAT'S IN THE BOX

- 3X Zoom USB 2.0 Camera
- 12V/2.0A DC Power Adapter
- Mounts: Tripod Mount
- USB 2.0 Data Cable (16ft/4.8m)
- Serial Control Cable
- RS-232C to RS-485 Adaptor
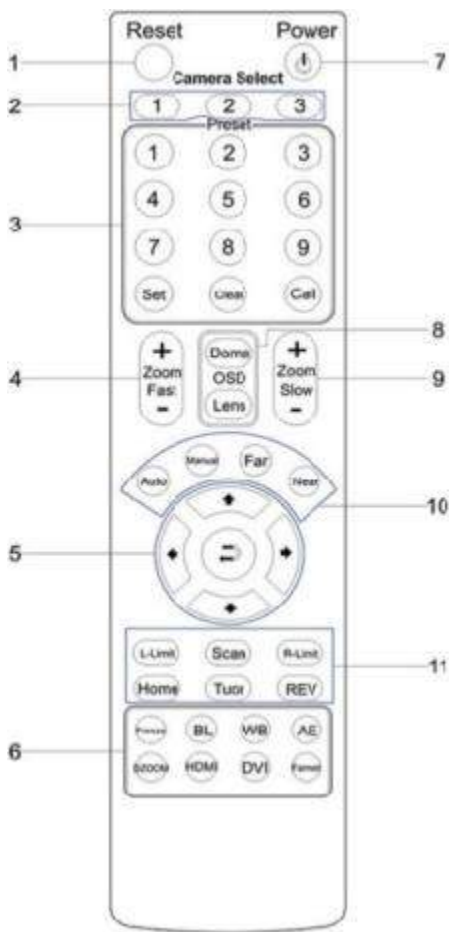- IR Remote Control
- User Manual

2 YEAR MANUFACTURER WARRANTY
★Warranty★

1. Lens
  3x Optical Zoom

2. IR Receiver
  To receive IR remote controller signal

3. Power LED
  Blue LED lights when unit is powered and is dark in standby mode.

4. IR Receiver
  To receive IR remote control signal

5. DC In 12V Socket
  Only use the power adapter supplied with this camera

6. IR Receiver
  To receive IR remote control signal

7. RS-232 In Port
  Used for connecting RS-232 control to camera

8. RS-485 In Port
  Used for connecting RS-485 control to camera; & daisy chaining via PELCO-D

9. USB 2.0 Interface
  For video connection to PC (USB 2.0 port. Will also function in a USB 3.0 port as a USB 2.0 device)

Image Sensor & Lens	
Video CMOS Sensor	1/2.7" CMOS, 2.1 Mega Pixel
Resolution	1080p-30/25, 720p-30/25, SVGA,
Frame Rate	up to 30fps (MJPEG)
Lens Zoom	3X Optical Zoom f = 3-10mm F1.4
Field of View	36° (tele) to 74° (wide)
Pan/Tilt Movement	
Pan Movement	±340°
Tilt Rotation	Up: 90°, Down: 30°
Presets	64 Presets
Electrical Index	
Power Supply Adapter	12V DC 2A
Input Voltage	12V DC (10.5-14V DC)
Input Power	24W (Max)
Working Environment	Indoor
Other	
Mfg. Warranty	2 Years Parts & Labor

Physical	
Material	Aluminum, Plastic
Dimensions (in.)	4.88 W x 5.7 H x 4.75 D (5.9 H max w/ tilt)
Dimensions (mm)	124 x 145 x 120 (150 H max w/ tilt)
Weight	1.66 lbs (0.75 kg)
Box Dimensions	8.75" x 8.88" x 7" (222 x 225 x 178 mm)
Boxed Weight	3.66 lbs (1.66 kg)
Operating Temperature	32°F to 113°F (0°C to 45°C)
Colors	Black, White, *Silver; * = Special Order
Rear Board Connectors	
Video Interface	USB 2.0
Controller Signal Interface	Mini DIN-8 (RS232 IN, RS485 IN, PELCO-D IN/OUT)
Controller Signal Config.	Dip-Switch Pin 8/TTL Signal
Baud Rate	9600 bps
Power Supply Interface	DC 12V 2A
Quality Management System	
QMS	Certified ISO9001: 2008

Please check HUDDLECAMHD.com for the most up to date version of this document

Compatibility

- Windows 7/8/8.1/10
- Mac OSX
- Acano
- Adobe Connect
- Blue Jeans
- Cisco Jabber
- Cisco Webex*****

- Easy Meeting
- Facetime
- Fuzebox
- Google Hangouts
- GoToMeeting
- Lifesize
- Skype for Business (Lync)

- Polycom Real Presence
- Radavision
- Spontania
- Skype
- TurboMeeting US
- Vidyo
- Zoom.US

- Google Hangouts on Air
- YouTube Live
- Any app that supports the UVC camera interface

*These apps do not support Image Flip

IR Remote Control Functionality

1. **Reset**
   Restarts the camera and restores it to Factory Default settings. (Note: Will delete all saved settings and presets.)

2. **Camera Selection**
   Select which Camera to control via IR: 1, 2 or 3

3. **Preset Positions**
   1-9: Preset Positions
   Set: Set a Preset Position
   Clear: Clear a Preset Position
   Call: Call a Preset Position
   Note: If you want to set (or call) the first preset position to 1, you simply press number key "1", then press "Set" or "Call" to set (call) the position.

4. **Fast Zoom In/Out Control Zone**
   +: Zoom In quickly
   -: Zoom Out quickly

5. **Pan/Tilt Controller**
   Tilt Up
   Tilt Down
   Pan Left
   Pan Right
   Auto Pan (through Full pan range)

6. **Additional Function Zone**
   Model Dependent Functions
   Not applicable to this model

7. **Power Supply Switch**
   Switch for turning camera on/off (i.e. Working mode vs. Stand-By mode)

8. **OSD Menu Zone**
   Model Dependent Functions
   Not applicable to this model

9. **Slow Zoom In/Out Control Zone**
   +: Zoom In slowly
   -: Zoom Out slowly

10. **Focus Control Zone**
    Auto: Turn on Auto Focus
    Manual: Turn on Manual Focus
    Far: Set focus at a farther distance (requires Manual Focus)
    Near: Set focus at a nearer distance (requires Manual Focus)

11. **Pan/Tilt Function Zone**
    Home: Go to camera's Home position
    Rev: Enable image flip for ceiling mounting
    L-Limit: Sets left limit for Scan feature
    R-Limit: Sets right limit for Scan feature
    Scan: Auto pan to L&R limits
   Tour: Auto tour of all saved presets

HuddleCamHD

Product Line

HC3X-BK-G2	HC3X-WH-G2	3X optical zoom, 36-74° HFOV, USB 2.0 video up to 1080p-30
HC3XA-BK	HC3XA-WH	3X opt zoom w/Built-in Dual Mic Array, 36-74° HFOV, USB 2.0, 1080p-30
HC10X-720-BK	HC10X-720-WH	10X optical zoom, 7-57° HFOV, USB 2.0 video up to 720p-30
HC3XW-GY-G2	HC3XW-WH-G2	3X optical zoom, 23-90° HFOV, USB 3.0 video up to 1080p-30
HC10X-GY-G3	HC10X-WH-G3	10X optical zoom, 8-61° HFOV, USB 3.0 video up to 1080p-30
HC20X-GY-G2	HC20X-WH-G2	20X optical zoom, 5-58° HFOV, USB 3.0 video up to 1080p-30
HC30X-GY-G2	HC30X-WH-G2	30X optical zoom, 4-63° HFOV, USB 3.0 video up to 1080p-30

Control Accessories

HC-JOY-G2	RS232, RS485, RS422, 3D Joystick and Keyboard, VISCA, Pelco-P, Pelco-D
DB9M-F-xx	Extension Cable, DB9M-F, Plenum, 4 lengths shown in ft. (xx=25, 50, 75, 100)
VISCA-xx	Daisy Chain Cable, miniDIN8-MM, 4 lengths shown in ft. (xx=25, 50, 75, 100)

Mounting Accessories

HCM-1-BK	HCM-1-WH	Small Wall Mount, mounts directly to wall or box with supplied hardware
HCM-2-BK	HCM-2-WH	Large Wall Mount, mounts directly to wall or box with supplied hardware
HCM-1C-WH		Small Open Ceiling Mount, mounts to 1"NPT pipe
HCM-2C-WH		Large Open Base Ceiling Mount, mounts to 1"NPT pipe
PT-CM-1-BK	PT-CM-1-WH	Surface Ceiling Mount, mounts directly to ceiling or box w/ suppl. hardware

Conference Audio

HP-AIR-BK	HP-AIR-WH	Wireless Speakerphone with USB receiver
HP-AIR-BA-BK		Wireless Speakerphone with USB receiver and external amplifier feed
HC3XA-BK	HC3XA-WH	3X opt zoom w/Built-in Dual Mic Array, 36-74° HFOV, USB 2.0, 1080p-30