

# 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://huddlecamed.com/3x/>

## KEY FEATURES

- 3X Optical Zoom
- USB 2.0
- RS-232
- 1920 x 1080
- 91° Field of View
- Up to 30 fps
- 64 Presets
- IR Remote
- OSD Control



## WHAT'S IN THE BOX

- 3X Zoom USB 2.0 Camera
- 12V/2.0A DC Power Adapter
- USB 2.0 Data Cable (16ft/4.9m)
- Serial Control Cable
- Wall mount
- RS-232C to RS-485 Adaptor
- IR Remote Control
- Quick Start Guide



**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. USB 2.0 Interface**  
For video connection to PC

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

**7. IR Receiver**  
To receive IR remote control signal

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

**9. RS-485 In Port**  
Used for connecting RS-485 control to camera; & daisy chaining via Pelco-D

### 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 F2.0
Field of View	34° (tele) to 91° (wide)

### Pan/Tilt Movement

Pan Movement	±175°
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
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### 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

### Rear Board Connectors

Video Interface	USB 2.0, UVC 1.5
Controller Signal Interface	Mini DIN-8 (RS232 IN, RS485 IN, PELCO-D IN/OUT)
Controller Signal Config.	Dome OSD
Baud Rate	9600 bps
Power Supply Interface	DC 12V 2A

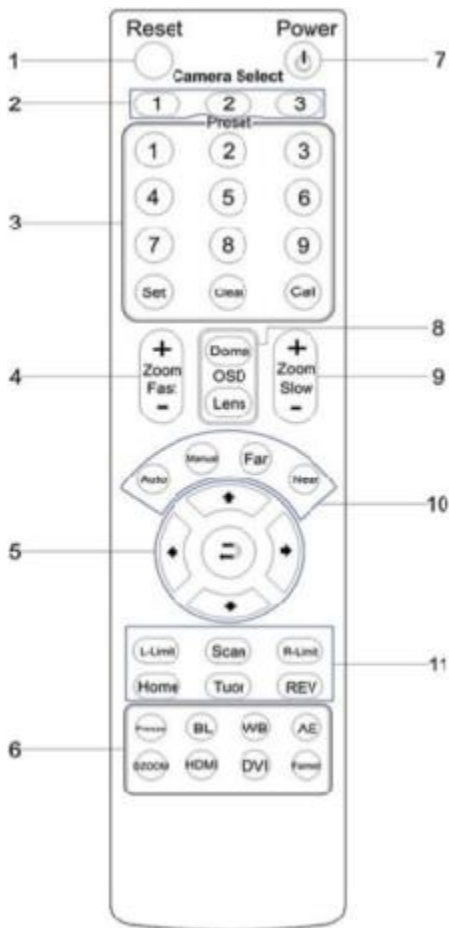
### Quality Management System

QMS	Certified ISO9001: 2008
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**Compatibility**

- |                      |                             |                         |  |
|----------------------|-----------------------------|-------------------------|--|
| • Windows 7/8/8.1/10 | • Easy Meeting              | • Polycom Real Presence | • Google Hangouts on Air                         |
| • Mac OSX            | • Facetime                  | • Radavision            | • YouTube Live                                   |
| • Acano              | • Fuzebox                   | • Spontania             | • Any app that supports the UVC camera interface |
| • Adobe Connect      | • Google Hangouts           | • Skype                 |  |
| • Blue Jeans         | • GoToMeeting               | • TurboMeeting US       |  |
| • Cisco Jabber       | • Lifesize                  | • Vidyo                 | *These apps do not support Image Flip            |
| • Cisco Webex*       | • Skype for Business (Lync) | • Zoom.US               |  |

**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**  
Button for turning camera on/off (i.e. Working mode vs. Stand-By mode)
8. **OSD Menu Zone**  
Model Dependent Functions  
Dome: Opens the camera control settings  
Lens: Opens the Exposure & White Balance camera settings.
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

