Compatibility

- Windows 7/8/8.1/10
- Mac OS X
- Acano
- Adobe Connect
- BlueJeans
- Cisco Jabber
- Cisco WebEx
- Easymeeting
- Facetime
- Fuzebox
- Google Hangout
- GoToMeeting
- Lifesize
- Skype for Business (Lync)
- Polycom RealPresence
- Radavision
- Spontania
- Skype
- TurboMeeting.US
- Vido
- Vsee
- Zoom.US
- Google Hangouts on Air
- YouTube Live

Features

- 3X Optical Zoom
- USB 2.0
- RS-232
- 1920 x 1080
- 81° Field of View
- Up to 30fps
- 64 Presets
- IR Remote

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

Specifications

<table>
<thead>
<tr>
<th>Camera &amp; Lens</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Video CMOS Sensor</td>
<td>1/2.7” CMOS, 2.1 Mega Pixel</td>
</tr>
<tr>
<td>Frame Rate</td>
<td>30fps 1920 x 1080p</td>
</tr>
<tr>
<td>Lens Zoom</td>
<td>3X Optical Zoom f=3 - 10mm F1.4</td>
</tr>
<tr>
<td>Field of View</td>
<td>36° (tele) to 81° (wide)</td>
</tr>
<tr>
<td>Warranty</td>
<td>2 Years parts and labor</td>
</tr>
</tbody>
</table>

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 (3m), Serial Control Cable, RS-232C to RS-485 Adaptor
- IR Remote Control
- User Manual (Also Downloadable Online)

HuddleCamHD

Model Number: HC3X-BK-G2

[Diagram of HuddleCamHD 3X Gen2 Conferencing Camera]
**Compatibility**

- Windows 7/8/8.1/10
- Mac OS X
- Acano
- Adobe Connect
- BlueJeans
- Cisco Jabber
- Cisco WebEx
- EasyMeeting
- Facetime
- Fuzebox
- Google Hangout
- GoToMeeting
- Lifesize
- Skype for Business (Lync)
- Polycom RealPresence
- Radavision
- Spontania
- Skype
- TurboMeeting.US
- Vidyo
- Vsee
- Zoom.US
- Google Hangouts on Air
- YouTube Live

**Features**

- 10X Optical Zoom
- USB 2.0
- RS-232
- 1280 x 720p
- 50° Field of View
- Up to 30fps
- 64 Presets
- IR Remote

The HuddleCamHD 10X 720p is ideal for small to medium sized meeting rooms. This camera is compatible with every system that accepts USB cameras.

**Specifications**

<table>
<thead>
<tr>
<th>Camera &amp; Lens</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Video CMOS Sensor</td>
<td>1/3&quot; CMOS, 2.1 Mega Pixel</td>
</tr>
<tr>
<td>Frame Rate</td>
<td>30fps 1280 x 720</td>
</tr>
<tr>
<td>Lens Zoom</td>
<td>10X Optical Zoom f=4.9 - 49mm F2.0-2.8</td>
</tr>
<tr>
<td>Field of View</td>
<td>7° (tele) to 57° (wide)</td>
</tr>
<tr>
<td>Warranty</td>
<td>2 Years parts and labor</td>
</tr>
</tbody>
</table>

**What’s in the Box**

- 10X Zoom USB 2.0 Camera
- 12V/2.0A DC Power Adapter
- Mounts: Tripod Mount
- USB 2.0 Data Cable (3m), Serial Control Cable, RS-232C to RS-485 Adaptor
- IR Remote Control w/ batteries
- User Manual (Also Downloadable Online)
Compatibility
- Windows 7/8/8.1
- Mac OS X
- Acano
- Adobe Connect
- BlueJeans
- Cisco Jabber
- Cisco WebEx
- EasyMeeting
- Facetime
- Fuzebox
- Google Hangout
- GoToMeeting
- Lifesize
- Skype for Business (Lync)
- Polycom RealPresence
- Radavision
- Spontania
- Skype
- TurboMeeting.US
- Vidyo
- Vsee
- Zoom.US
- Google Hangouts on Air
- YouTube Live

Features
- 10X Optical Zoom
- USB 3.0 *(requires quad core processor)
- USB 2.0 @720p
- RS-232
- 1920 x 1080
- 61° Field of View
- Up to 30fps
- 64 Presets
- IR Remote

The HuddleCamHD 10X Gen 3 is ideal for medium to large sized meeting rooms. Comes standard with a certified SONY lens.

Specifications

Camera & Lens
- Video CMOS Sensor: 1/2.8" CMOS 2.0 Mega Pixel
- Frame Rate: 30fps 1920 x 1080p, 30fps 1280 x 720p
- Lens Zoom: 10X Optical Zoom, f=4.7 - 47mm
- Field of View: 8° (tele) to 61° (wide)
- Min Lux: 0.1 Lux

What’s in the Box
- 10X Zoom USB 3.0 Camera
- 12V/2.0A DC Power Adapter
- Installation Bracket & Screws
- USB 3.0 Cable (3m), Serial Control Cables (RS232, RS485)
- IR Remote Control
- User Manual (Also Downloadable Online)

The HuddleCamHD 10X G3
Conferencing Camera
DATA SHEET

HC10X-GY-G3 (Gray)
HC10X-WH-G3 (White)
HuddleCamHD 3XW G2
Conferencing Camera

DATA SHEET

HuddleCamHD
Model Number: HC3XW-GY-G2

The HuddleCamHD 3X Wide is ideal for a small to medium sized meeting rooms. Comes standard with certified SONY lens.

Compatibility
- Windows 7/8/8.1/10
- Mac OS X
- Acano
- Adobe Connect
- BlueJeans
- Cisco Jabber
- Cisco WebEx
- Easymeeting
- Facetime
- Fuzebox
- Google Hangout
- GoToMeeting
- Lifesize
- Skype for Business (Lync)
- Polycom RealPresence
- Radavision
- Spontania
- Skype
- TurboMeeting.US
- Vidyo
- Vsee
- Zoom.US
- Google Hangouts on Air
- YouTube Live

Features
- 3X Optical Zoom
- USB 3.0 *(requires quad core processor)
- USB 2.0 *(640x480 only)
- RS-232
- 1920 x 1080
- 90° Field of View
- Up to 60fps
- 64 Presets

Specifications

Camera & Lens

<table>
<thead>
<tr>
<th>Feature</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Video CMOS Sensor</td>
<td>1/2.8” CMOS, 2.0 Mega Pixel</td>
</tr>
<tr>
<td>Frame Rate</td>
<td>30fps 1920 x 1080p, 60fps 1280 x 720p</td>
</tr>
<tr>
<td>Lens Zoom</td>
<td>3X Optical Zoom 12X Digital Zoom f=3 9mm</td>
</tr>
<tr>
<td>Field of View</td>
<td>23° (tele) 90° (wide)</td>
</tr>
<tr>
<td>Min Lux</td>
<td>0.25 at F 1.2</td>
</tr>
<tr>
<td>White Balance</td>
<td>Auto/Manual/Outdoor/Indoor/One Push/ATW</td>
</tr>
</tbody>
</table>

What’s in the Box

- 3X Zoom USB 3.0 Camera
- 12V/2.0A DC Power Adapter
- Installation Bracket & Screw
- USB 3.0 Data Cable (3m), Serial Control Cable, RS-232C to RS-485 Cable
- IR Remote Control
- User Manual (Also Downloadable online)

2 YEAR MANUFACTURER WARRANTY

Model Number: HC3XW-GY-G2

Rev 1.2 7/15
**Compatibility**
- HuddleCam 3X
- HuddleCam 10X-720
- HuddleCam 10X
- All PTZOptics Cameras
- Most small based SONY, Panasonic, Cisco, Polycom and Vaddio camera with a 1/4-20 mounting hole.

**Features**
- Mounts directly to drywall, wood, masonry, or 2-gang US wall box with supplied wall anchors
- Mounting holes positioned in 4 post pattern
- Black powder coat paint provides long lasting finish
- Mounting hardware included
- 2 Year Warranty
- Made in USA

**Compatibility**
- HuddleCam 3X
- HuddleCam 10X-720
- HuddleCam 10X
- All PTZOptics Cameras
- Most small based SONY, Panasonic, Cisco, Polycom and Vaddio camera with a 1/4-20 mounting hole.

**Specifications**

<table>
<thead>
<tr>
<th>Size &amp; Weight</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions:</td>
<td></td>
</tr>
<tr>
<td>Inches</td>
<td>5-11/16” W x 9-5/8” D x 5-1/8” H</td>
</tr>
<tr>
<td>Milimeters</td>
<td>144.5mm W x 209.6mm D x 130.2mm H</td>
</tr>
<tr>
<td>Weight</td>
<td>2.0 lbs</td>
</tr>
<tr>
<td>Lbs</td>
<td>0.9 kg</td>
</tr>
</tbody>
</table>

**What’s in the Box**

<table>
<thead>
<tr>
<th>Camera Mount</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Mounting Hardware:</td>
<td></td>
</tr>
<tr>
<td>(4) Mounting Screws &amp; Washers</td>
<td></td>
</tr>
<tr>
<td>(4) Drywall/Masonry Anchors</td>
<td></td>
</tr>
<tr>
<td>(1) Quarter Twenty bolt</td>
<td></td>
</tr>
<tr>
<td>(4) Device mounting screws for 2-Gang Box</td>
<td></td>
</tr>
</tbody>
</table>

This Universal Thin Profile Wall Mount was designed specifically for an ideal way to wall mount a camera above or below a plasma or thin profile monitor. Constructed from heavy gauge steel, this mount comes with 2 year manufacture warranty.
Design your next Conference Room in minutes online!

HuddleCam Designer

The HuddleCam Designer tool makes designing your next video conferencing room a breeze! Available 24/7 online with any web browser, try our web based room design tool online at:

http://Designer.HuddleCamHD.com

Return on Investment

Return on investment is what really counts! Talk to your AV distributor or vendor about ROI calculation once you have the cost of your next video conferencing system quoted. Understanding the ROI is a huge business driver for video conferencing technology.
Compatibility
- VISCA Protocol
- PELCO-D Protocol
- PELCO-P Protocol

Features
- Durable Metal Housing
- VISCA, PELCO- P & D
- RS232, RS422, RS485
- On Screen Display
- Variable Speed Pan, Tilt & Zoom Control
- Iris, Focus, Home, Backlight & Preset controls
- 4 Camera Quick Select keys

Specifications

Key Technical Specifications

<table>
<thead>
<tr>
<th>Connections</th>
<th>RS-232, RS-485, RS-422</th>
</tr>
</thead>
<tbody>
<tr>
<td>Baud Rate</td>
<td>1200-19200 bps</td>
</tr>
<tr>
<td>Interfaces</td>
<td>DB9: RS232; SSCT: RS485/RS422.</td>
</tr>
<tr>
<td>Maximum Cameras</td>
<td>Control up to 255 Cameras</td>
</tr>
<tr>
<td>Maximum Presets</td>
<td>Up to 255 Presets</td>
</tr>
<tr>
<td>Maximum Distance</td>
<td>3,937’ (1200m) using 24 guage twisted pair</td>
</tr>
</tbody>
</table>

Operational Specifications

<table>
<thead>
<tr>
<th>Power</th>
<th>6W (12VDC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working Temp</td>
<td>14 °F to 122 °F (-10° to +50° C).</td>
</tr>
<tr>
<td>Working Humidity</td>
<td>10 ~ 90% (non-condensation)</td>
</tr>
<tr>
<td>Weight</td>
<td>3.4 lbs</td>
</tr>
<tr>
<td>Dimensions</td>
<td>12.6”(W) x 7.1”(D) x 4.3(H)</td>
</tr>
<tr>
<td></td>
<td>320mm(W) x 181mm(D) x 110mm(H)</td>
</tr>
</tbody>
</table>

What’s in the Box?
- Three-axis control keyboard
- RS232 cable
- DC12V Power Supply
- Manual

HuddleCamHD
Model No: HC-JOY-G2

Easy pan, tilt & zoom controls for any RS-232, RS-422, RS-485 VISCA or Pelco protocol camera!
Controls pan & tilt with variable speed.
Use 3 dimensional joystick with “twist” for variable control of zoom.

Features of HuddleCamHD:

1. LCD Display
   Menu options displayed here
2. Camera Control keys
   Quick camera select, camera select, Focus, Iris, BLC, Home, Preset set, call & clear
3. Numeric Keys
   Setting, Gamma and calling and clearing presets and changing parameters
4. Joystick
   Three-Axis Joystick Controller
5. DB9 Connection
   For RS-232 Camera Control
6. RS422/485 Connection
   For RS422/485 camera control
7. Activity LEDs
HuddleCamHD 20X G2
Conferencing Camera

DATA SHEET

Compatibility
- Windows 7/8/8.1/10
- Mac OS X
- Acano
- Adobe Connect
- BlueJeans
- Cisco Jabber
- Cisco WebEx
- Easy meeting
- Facetime
- Fuzebox
- Google Hangout
- GoToMeeting
- Lifesize
- Skype for Business (Lync)
- Polycom RealPresence
- Radvision
- Spontania
- Skype
- TurboMeeting.US
- Vidyo
- Vsee
- Zoom.US
- Google Hangouts on Air
- YouTube Live

Features
- 20X Optical Zoom
- USB 3.0 *(requires quad core processor)
- USB 2.0 *(640x480 only)
- RS-232
- 1920 x 1080
- 58° Field of View
- Up to 60fps
- 64 Presets

Specifications

Camera & Lens
- Video CMOS Sensor: 1/2.8" CMOS 2.0 Mega Pixel
- Frame Rate: 30fps 1920 x 1080p, 30fps 1280 x 720p
- Lens Zoom: 20X Optical Zoom, 12X Digital Zoom f=4.7-90mm
- Field of View: 5° (tele) to 58° (wide)
- Min Lux: 0.5 Lux

What’s in the Box
- 20X Zoom USB 3.0 Camera
- 12V/2.0A DC Power Adapter
- Installation Bracket & Screws
- USB 3.0 Data Cable (3m), Serial Control Cable, RS-232C to RS-485 Cable
- IR Remote Control
- User Manual (Also Downloadable Online)

The HuddleCamHD 20X Gen 2 is ideal for medium to large sized meeting rooms. Comes standard with a certified SONY lens.
HuddleCamHD

HuddleCam HD 30X
Conferencing Camera

**Features**

- 30X Optical Zoom
- USB 3.0 *(requires a quad core processor)*
- RS-232
- 1920 x 1080
- 63° Field of View
- Up to 60fps
- 64 Presets
- IR Remote
- Certified SONY Lens

**Compatibility**

- Windows 7/8/8.1
- Mac OS X
- Acano
- Adobe Connect
- BlueJeans
- Cisco Jabber
- Cisco WebEx
- EasyMeeting
- Facetime
- Fuzex
- Google Hangout
- GoToMeeting
- Lifesize
- Skype for Business(Lync)
- Polycom RealPresence
- Radavision
- Spontania
- Skype
- TurboMeeting.US
- Vidyo
- Vsee
- Zoom.US
- Google Hangouts on Air
- YouTube Live

**Specifications**

**Camera & Lens**

- Video CMOS Sensor: 1/2.8" CMOS 2.1 Mega Pixel
- Frame Rate: 30fps 1920 x 1080p, 60fps 1280 x 720p
- Lens Zoom: 30X Optical Zoom, 12X Digital Zoom f=4.3-138.3
- Field of View: 4° (tele) to 63°
- Min Lux: 0.5 Lux

**What’s in the Box**

- 30X Zoom USB 3.0 Camera
- 12V/2.0A DC Power Adapter
- Installation Bracket & Screw
- USB 3.0 Data Cable (3m), Serial Control Cable, RS-232C to RS-485 Cable
- IR Remote Control
- User Manual (also downloadable online)
From 3X - 30X, We've got you covered

### Product Line

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>HC3X-BK-G2</td>
<td>3X optical zoom, 36-81° HFOV, USB 2.0 video up to 1080P-30</td>
</tr>
<tr>
<td>HC10X-720-BK</td>
<td>10X optical zoom, 7-57° HFOV, USB 2.0 video up to 720P-30</td>
</tr>
<tr>
<td>HC3XW-GY-G2</td>
<td>3X optical zoom, 33-92° HFOV, USB 3.0 video up to 1080P-30</td>
</tr>
<tr>
<td>HC10X-GY-G3</td>
<td>10X optical zoom, 8-61° HFOV, USB 3.0 video up to 1080P-30</td>
</tr>
<tr>
<td>HC20X-GY-G2</td>
<td>20X optical zoom, 5-58° HFOV, USB 3.0 video up to 1080P-30</td>
</tr>
<tr>
<td>HC30X-GY-G2</td>
<td>30X optical zoom, 4-63° HFOV, USB 3.0 video up to 1080P-30</td>
</tr>
</tbody>
</table>

### Control Accessories

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>HC-JOY-G2</td>
<td>RS232, RS485, RS422, 3D Joystick and Keyboard, VISCA, Pelco-P, Pelco-D</td>
</tr>
<tr>
<td>DB9M-F-xx</td>
<td>Extension Cable, DB9M-F, Plenum, 4 lengths shown in ft. (xx=25, 50, 75, 100)</td>
</tr>
<tr>
<td>VISCA-xx</td>
<td>Daisy Chain Cable, miniDIN8-MM, Plenum, 4 lgs in ft. (xx=25, 50, 75, 100)</td>
</tr>
</tbody>
</table>

### Mounting Accessories

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>HCM-1-BK</td>
<td>Small Wall Mount, mounts directly to wall or box with supplied hardware</td>
</tr>
<tr>
<td>HCM-1-WH</td>
<td>Large Wall Mount, mounts directly to wall or box with supplied hardware</td>
</tr>
<tr>
<td>HCM-1C-WH</td>
<td>Small Open Ceiling Mount, mounts to 1”NPT pipe</td>
</tr>
<tr>
<td>HCM-2C-WH</td>
<td>Large Open Base Ceiling Mount, mounts to 1”NPT pipe</td>
</tr>
<tr>
<td>PT-CM-1-BK</td>
<td>Surface Ceiling Mount, mounts directly to ceil or box w/ supplied hardware</td>
</tr>
</tbody>
</table>

### Conference Audio

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>HP-AIR-BK</td>
<td>Wireless Speakerphone with USB receiver</td>
</tr>
<tr>
<td>HP-AIR-WH</td>
<td>Wireless Speakerphone with USB receiver and external amplifier feed</td>
</tr>
</tbody>
</table>
UNIVERSITY OF TORONTO  “I love this camera. My clients love this camera. The students love this camera. Therefore, I love the camera even more. We use this with Adobe Connect, Skype, and GoToMeeting. This camera is incredible. It’s also incredibly slick and looks REALLY good setup in a classroom. The only problem is that everyone wants one now and keeps asking me where I bought it!” -Brian De Silva, IT

CLARION UNIVERSITY OF PENNSYLVANIA
“Very pleased with this unit and quality! It integrated seamlessly with our system and the operation and picture quality rivals even a $4000 camera from another manufacturer. We will definitely be looking at more of this model or it’s relatives for future projects!” -AV/Manager from Clarion, PA

ARIZONA HOSPITAL “a joy to work with. They were patient with all my questions and Patrick helped me via chat (which I prefer) to narrow down my choice to two different cameras. We then set up a video conference to see the difference between the two. It was very helpful. -Rodney Baker

Let us take you to the next level!

Paul Richards
Business Development, HuddleCamHD