

## HuddleCamHD 20X G2 Conferencing Camera

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

**Model Number:**

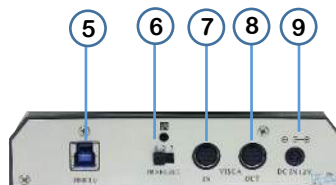
**HC20X-GY-G2 (Gray)**

**HC20X-WH-G2 (White)**

<http://huddlecamed.com/huddlecamed-20x/>

### KEY FEATURES

- 20X Optical Zoom
- USB 3.0 \*(requires quad core processor)
- USB 2.0 \*(640x480 only)
- RS232 Serial Control
- 1920 x 1080
- 58° Field of View
- Up to 60fps
- 64 Presets
- IR Remote



### WHAT'S IN THE BOX

- 20X 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



#### 1. Lens

20x 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. Standby LED

Orange LED blinks for Stand-By status

#### 5. USB 3.0 Interface

For connection to PC USB 3.0 port (also compatible with USB 2.0 port and driver)

#### 6. IR Select Switch

When using only one remote to control more than one camera, this switch will assign a unique ID to each camera

#### 7. VISCA IN Port

For hard wired remote control from a 3rd party PC, joystick, etc...

#### 8. VISCA OUT Port/RS485

Used for daisy chaining multiple cameras for RS-232 and for RS-485 control

#### 9. DC in 12V Socket

Only use the Power Adapter supplied with this camera

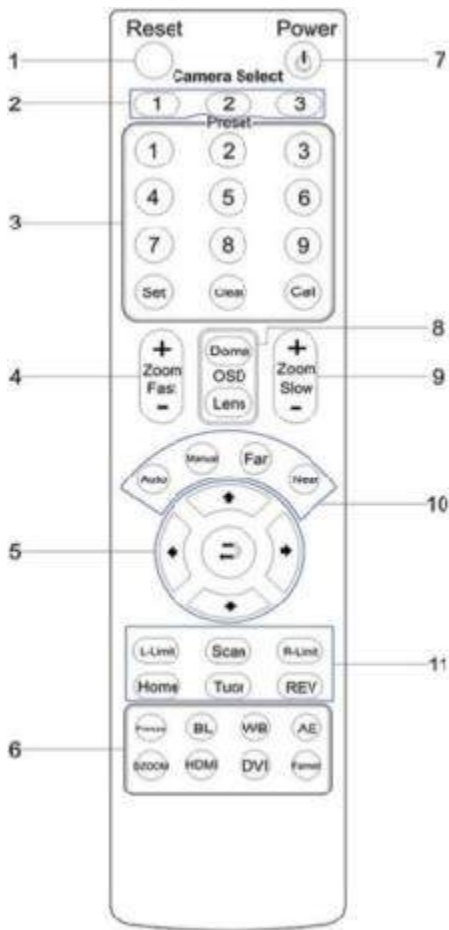
| Image Sensor & Lens |   |
|---------------------|---|
| Video Sensor        | 1/2.8" CMOS, 2.1 Mega Pixel             |
| Frame Rate          | 30fps 1920x1080p, 60fps 1280x720p       |
| Lens Zoom           | 20X Optical, 12X Digital, f=4.7-90mm    |
| Field of View       | 5° (tele) to 58° (wide)                 |
| Min Lux             | 0.5                                     |
| White Balance       | Auto/Manual/Outdoor/Indoor/One Push/ATW |
| Pan/Tilt Movement   |   |
| Pan Movement        | ±355°                                   |
| Tilt Rotation       | Up: 90°, Down: 30°                      |
| Presets             | 64 Presets                              |
| Electrical Index    |   |
| Power Supply        | 12V DC 2A                               |
| Input Voltage       | 12V DC (10.5-14V DC)                    |
| Input Power         | 24W (Max)                               |

| Physical                    |  |
|-----------------------------|--|
| Material                    | Aluminum, Plastic                      |
| Dimensions (in.)            | 5.7W x 6.40H x 6.0D (7.4H max w/ tilt) |
| Dimensions (mm)             | 145W x 163H x 151D (188H max w/ tilt)  |
| Weight                      | 2.52 lbs (1.14 kg)                     |
| Working Environment         | Indoor                                 |
| Operating Temperature       | 32°F to 113°F (0°C to 45°C)            |
| Color                       | Gray, White                            |
| Rear Board Connectors       |  |
| High Definition Interface   | USB 3.0                                |
| Controller Signal Interface | Mini DIN-8 (VISCA IN, VISCA OUT/RS485) |
| Power Supply Interface      | DC 12V 2A                              |
| Other                       |  |
| Mfg. Warranty               | 2 Years Parts & Labor                  |
| Quality Management System   |  |
| QMS                         | Certified ISO9001: 2008                |

**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





**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**  
Freeze: Image Freeze  
BL: Back-light Compensation  
WB: White Balance  
AE: Auto Exposure  
D Zoom: Digital Zoom
7. **Power Supply Switch**  
Switch for turning camera on/off (i.e. Working mode vs. Stand-By mode)
8. **OSD Menu Zone**  
Dome OSD: Enter Pan Tilt Zoom OSD menu  
Lens OSD: Enter lens OSD menu
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










### Product Line

|   |                     |   |                     |   |
|---|---------------------|---|---------------------|---|
|  | <b>HC3X-BK-G2</b>   |  | <b>HC3X-WH-G2</b>   | 3X optical zoom, 36-74° HFOV, USB 2.0 video up to 1080p-30            |
|  | <b>HC3XA-BK</b>     |   | <b>HC3XA-WH</b>     | 3X opt zoom w/Built-in Dual Mic Array, 36-74° HFOV, USB 2.0, 1080p-30 |
|  | <b>HC10X-720-BK</b> |  | <b>HC10X-720-WH</b> | 10X optical zoom, 7-57° HFOV, USB 2.0 video up to 720p-30             |
|  | <b>HC3XW-GY-G2</b>  |  | <b>HC3XW-WH-G2</b>  | 3X optical zoom, 33-92° HFOV, USB 3.0 video up to 1080p-30            |
|  | <b>HC10X-GY-G3</b>  |  | <b>HC10X-WH-G3</b>  | 10X optical zoom, 8-61° HFOV, USB 3.0 video up to 1080p-30            |
|  | <b>HC20X-GY-G2</b>  |  | <b>HC20X-WH-G2</b>  | 20X optical zoom, 5-58° HFOV, USB 3.0 video up to 1080p-30            |
|  | <b>HC30X-GY-G2</b>  |  | <b>HC30X-WH-G2</b>  | 30X optical zoom, 4-63° HFOV, USB 3.0 video up to 1080p-30            |





### Control Accessories

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

### Mounting Accessories

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

### Conference Audio

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

