## HuddleCamHD 30X G2
## Conferencing Camera
The HuddleCamHD 30X is ideal for a large to auditorium sized meeting rooms. Comes standard with certified SONY lens

**Model Number:**
**HC30X-GY-G2 (Gray)**
**HC30X-WH-G2 (White)**
http://huddlecamhd.com/huddlecamhd-30x/

### KEY FEATURES

- 30X Optical Zoom
- USB 3.0 *(requires quad core processor)
- USB 2.0 *(640x480 only)
- RS232 Serial Control
- 1920 x 1080
- 63° Field of View
- Up to 60fps
- 64 Presets
- IR Remote

### 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

**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**
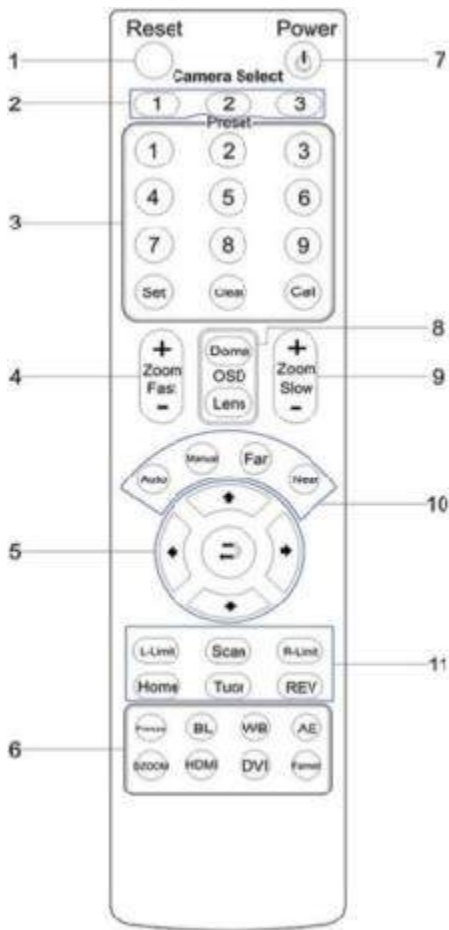Only use the Power Adapter supplied with this camera

| Image Sensor & Lens | |
|---|---|
| Video Sensor | 1/2.8" CMOS, 2.1 Mega Pixel |
| Frame Rate | 30fps 1920x1080p, 60fps 1280x720p |
| Lens Zoom | 30X Optical, 12X Digital, f=4.3-138.3mm |
| Field of View | 54° (tele) to 63° (wide) |
| Min Lux | 0.5 |
| White Balance Push/ATW | Auto/Manual/Outdoor/Indoor/One |

| 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 6.4H x 6.0D (7.4H max w/ tilt) |
| Dimensions (mm) | 145W x 163H x 151D (188H max w/ tilt) |
| Weight | 2.5 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

| | | |
|---|---|---|
| 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, 33-92° 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 | | 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 |