# HuddleCamHD
**From 3X - 30X, We've got you covered**

## HuddleCamHD 10X-USB2
### Conferencing Camera

The HuddleCamHD 10X USB2 is ideal for small to medium sized meeting rooms. This camera is compatible with every system that accepts USB cameras.

**Model Number:**
**HC10X-USB2-BK (Black)**
**HC10X-USB2-WH (White)**
http://huddlecamhd.com/huddlecamhd-10X-USB2/

## KEY FEATURES

- 10X Optical Zoom
- USB 2.0
- RS-232
- 1920 x 1080
- 54° Field of View
- Up to 30fps
- 64 Presets
- IR Remote

## 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 (16ft/4.8m)
- Serial Control Cable
- RS-232C to RS-485 Adaptor
- IR Remote Control
- User Manual

**2 YEAR MANUFACTURER WARRANTY** ★Warranty★

**1. Lens**
10x 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. RS232 In Port**
For hard wired RS232 remote control from a 3rd party PC, joystick, etc.

**8. RS485 In Port**
For hard wired RS485 remote control from a 3rd party PC, joystick, etc.

**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 | 1/2.9" Sony CMOS, 2.1 Mega Pixel |
| Resolution | 1080p-30/25, 720p-30/25, SVGA, |
| Frame Rate | up to 30fps (MJPEG) |
| Lens Zoom | 10X Optical Zoom f=4.7-47mm F1.6 |
| Field of View | 7° (tele) to 54° (wide) |
| **Pan/Tilt Movement** | |
| Pan Movement | ±350° |
| 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 |

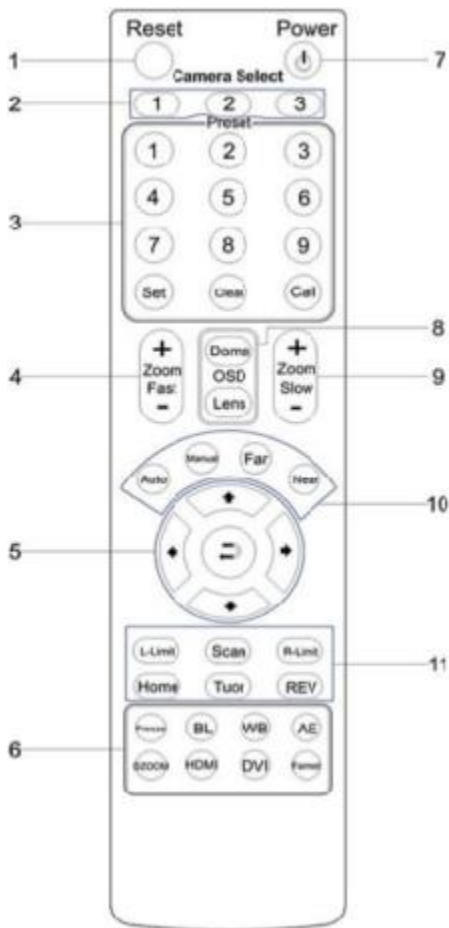| Physical | |
|---|---|
| Material | Aluminum, Plastic |
| Dimensions (in.) | 4.88 W x 5.7 H x 4.75 D (5.9 H max w/ tilt) |
| Dimensions (mm) | 124 x 145 x 120 (150 H max w/ tilt) |
| Weight | 1.66 lbs (0.75 kg) |
| Box Dimensions | 8.75" x 8.88" x 7" (222 x 225 x 178 mm) |
| Boxed Weight | 3.66 lbs (1.66 kg) |
| Operating Temperature | 32°F to 113°F (0°C to 45°C) |
| Color | Black & White |
| **Rear Board Connectors** | |
| Video Interface | USB 2.0 UVC 1.5 |
| Controller Signal Interface | UVC 1.5 - Mini DIN-8 (RS232 IN, RS485 IN) |
| 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 |

## 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