

HuddleCamHD 20X Gen2 Conferencing Camera

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

Model Number:
HC20X-GY-G2 (Black)
HC20X-WH-G2(White)
<https://huddlecamed.com/huddlecamed-20x/>

KEY FEATURES

- 20X Optical Zoom
- USB 3.0 (requires quad-core processor)
- USB 2.0 (Reduced FPS)
- RS-232 Serial Control
- 1920 x 1080
- 58° Field of View
- Up to 30 fps
- 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 Adaptor
- IR Remote Control
- User Manual
(also available online)



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 w/ USB 2.0 port & driver)

6. IR Select Switch

Control up to 3 cameras through a single IR remote

7. VISCA IN Port

Used for connecting hard-wired joystick for camera control

8. VISCA OUT Port/RS-485

Used for daisy chaining multiple units in a succession with a hard wired joystick for camera control

9. DC In 12V Socket

Only use the power adapter supplied with this camera

Image Sensor & Lens

Video CMOS Sensor	1/2.8" CMOS, 2.1 Mega Pixel
Resolution	1080p-30/25, 720p-30/25
Frame Rate	up to 30fps (MJPEG)
Lens Zoom	20X Optical Zoom f=4.7-90mm
Field of View	5° (tele) to 58° (wide)

Pan/Tilt Movement

Pan Movement	±340°
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.)	5.7W x 6.4H x 6.0D (7.4H max w/ tilt)
Dimensions (mm)	145 x 163 x 151 (188H max w/ tilt)
Weight	2.52 lbs (1.14 kg)
Box Dimensions	12.1"W x 9.5"H x 9.6"D (307mm x 241mm x 244mm)
Boxed Weight	5.6 lbs (2.54 kg)
Operating Temperature	32°F to 113°F (0°C to 45°C)
Colors	Gray, White

Rear Board Connectors

Video Interface	USB 3.0
Controller Signal Interface	Mini DIN-8 (VISCA IN/OUT, PELCO-D IN/OUT)
Controller Signal Config.	Dip-Switch Pin 6/TTL Signal
Baud Rate	9600 bps
Power Supply Interface	DC 12V 2A

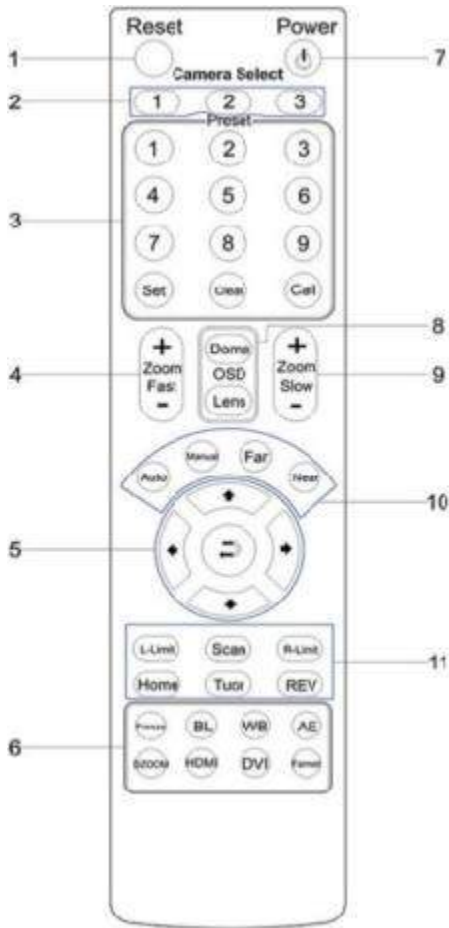
Quality Management System

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






- Reset**
Restarts the camera and restores it to Factory Default settings. (Note: Will delete all saved settings and presets.)
- Camera Selection**
Select which Camera to control via IR: 1, 2 or 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.
- Fast Zoom In/Out Control Zone**
+: Zoom In quickly
-: Zoom Out quickly
- Pan/Tilt Controller**
↑ Tilt Up
↓ Tilt Down
← Pan Left
→ Pan Right
↻ Auto Pan (through Full pan range)
- Additional Function Zone**
Model Dependent Functions
Not applicable to this model
- Power Supply Switch**
Switch for turning camera on/off (i.e. Working mode vs. Stand-By mode)
- OSD Menu Zone**
Model Dependent Functions
Not applicable to this model
- Slow Zoom In/Out Control Zone**
+: Zoom In slowly
-: Zoom Out slowly
- 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)
- 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, 23-90° 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		PT-CM-1-WH	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

