HuddleCamHD

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

- 20X Optical Zoom
- USB 3.0
- RS-232 & RS-485
- 1920 x 1080
- 60.7° Field of View
- Wide Dynamic Range
- Up to 60fps
- 255 Presets
- IR Remote
- Wireless Receiver

HUDDLECAM AIR

Model Number: HCA20X-SV

The HuddleCam Air is ideal for medium to large sized meeting rooms providing a clean & easy installation.

Specifications

Camera & Lens

Video CMOS Sensor	1/3" CMOS 2.12 Mega Pixel Sensor
Video Signal	1080p 30/25
	1080i 60/50
	720p 60/50
Lens Zoom	20X Optical Zoom, 16X Digital
Tamaron Lens	f=4.42 ~ 88.5mm, f=1.8 ~ 2.8mm
Field of View	3.36° ~ 60.7° (Horizontal)
	1.89° ~ 34.1°(Vertical)
Scanning mode	Progressive
Shutter Speed	1/25s ~ 1/10,000s
Min Illumination	0.5 Lux at F1.8 (AGC On)
White Balance	Auto, Indoor, Outdoor, One-Push, Manual
Backlight	Backlight compensation supported
Digital Noise	2D & 3D Digital Noise Reduction
Video S/N	≥55dB
Number of Presets	255
Preset Accuracy	0.1°

Pan/Tilt Movement

Pan Movement	±170°
Tilt Rotation	Up: 90°, Down: 30°
Presets	255

Electrical Index

Power Supply Adapter	12V DC 2A
Input Voltage	12V DC (10.5-14V DC)
Input Power	24W (Max)

Camera Interface & Dimensions

Network Interface	1X RJ45: 10M/100M Ethernet Port
Communication In/Out	1X RS-232 IN: 8pin Min-DIN, Max 30m
	1X RS-485: 2pin port, Max 1500m
Control Protocols	VISCA/Pelco-D/Pelco-P
Power Supply Interface	JEITA type (DC IN 12V)
Camera Size (in.)	9.4W x 5.6H x 7.4D (8.0H w/tilt up)
Camera Size (mm.)	(239W x 143H x 188D) [207H w/ Tilt up]
Camera Weight	3.55 lbs (1.61 Kg)

Specifications Continued

Wireless Receiver Specifications

Range	80 feet open space (Clear line of sight)
Wireless Frequencies	5.15-5.25, 5.25-5.35, 5.47-5.72, 5.72-5.8 (GHz)
Input Voltage	5V DC
Current Consumption	2.0A (Max)
Operating Temp	23°F ~ 104°F (-5°C ~ 40°C)
Storage Temp	-4°F ~ 140°F (-20°C ~ 60°C)
Power Consumption	10W
Dimensions (in.)	3.00 W x 10.00 D x 1.25 H
Dimensions (mm)	76.2 W x 254 D x 31.75 H
Weight	0.66 lbs (0.29 Kg)
OS Support	Windows XP, Vista, 7, 8, OS X 10.4 and up

Wireless Transmission Specifications

Range	80 feet open space (Clear line of sight)
Wireless Frequencie	5.15-5.25, 5.25-5.35, 5.47-5.72, 5.72-5.8 (GHz)
Frequency Stability	± 10 PPM
Bandwidth	20 / 40 MHz
Receiving Sensitivity	≤ - 75 dBm
Transmission Power	13 ± 2dBm
Antenna(s)	Internal

Quality Management System

Certified ISO9001: 2008

What's in the Box

20X Zoom Wireless Camera
12V DC 2.0A Power Adapter
Wireless Receiver & Power Supply (5V DC 2A)
USB 3.0 A-B Cable (2m)
IR Remote Control
User Manual (also downloadable online)

Receiver Input/Output Interface

Interface	USB 3.0, USB 2.0*
	*limited frame rates & resolution
Connector	USB 3.0 B-Type Connector
Power Connector	5.5mm (DC IN 5V)

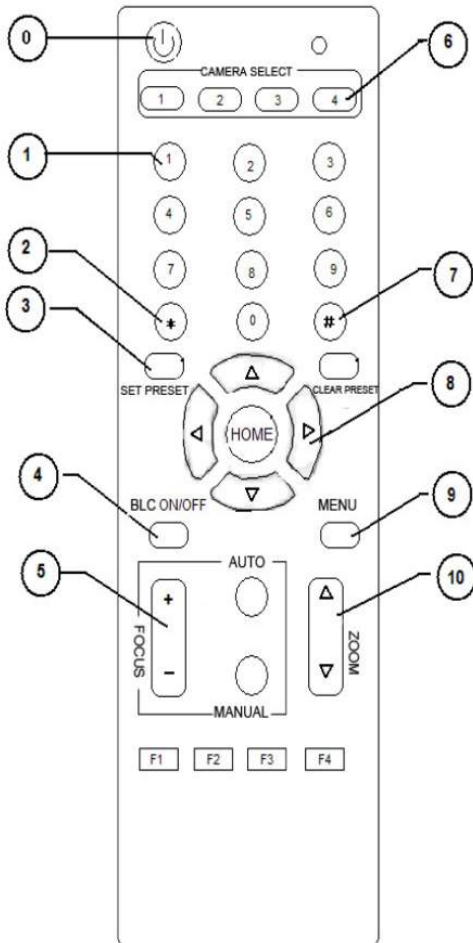**Capable of 1920x1080p
Up to 80' from Camera/Receiver**

1. **Lens**
   20x Optical Zoom.

2. **Camera Base**

3. **Tripod Screw Hole**
   Will accept 1/4-20 bolt from 3rd party tripod, wall or ceiling mount.

4. **IR Receiver**
   To receive IR remote controller signal.

5. **Wireless Receiver**
   Provides USB 3.0 connectivity.

6. **USB 3.0 Port**
   USB 3.0 port for connection to computer.

7. **System Select**
   For selecting output resolution.

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

9. **Ethernet Port**
   For Remote PTZ Camera Control & IP Streaming capabilities.

10. **Camera Power**
    Only use the Power Adapter supplied with this camera.

11. **On/Off Switch**
    Turns camera on and off.

12. **Receiver Power**
    Supplies power to wireless receiver. Only use supplied power supply.

Remote Contol

0. **Standby key**
   After pressing the standby key, the camera will go into standby mode. Press again, the camera will turn on. (Note: Standby mode power consumption is abouthalf of normal mode consumption)

1. **Number keys**
   For setting or recalling presets.

2. *** key**
   For key combination use.

3. **Set preset key:**
   Set preset key + 0-9 number key.
   Clear preset key.
   Clear preset key + 0-9 number key or .#+#+#. clear all the presets.

4. **BLC control key**
   BLC ON: Turn on Back Light Compensation (only works when exposure mode setting is Auto) BLC OFF: Turn off Back Light Compensation (Only available in the exposure mode effective for Auto).

5. **Focus control**
   Focus+: focus farther away
   Focus-: focus nearer
   Auto focus: automatically focus on item in center of frame
   Manual focus: To use Focus + and -

6. **Camera address selection:**
   Select the camera which you want to be controlled. For multiple camera control using same IR remote.

7. **# key**
   For key combination use.

8. **Pan/Tilt Controller**
   ↑ Move Up
   ↓ Move Down
   ← Move Left
   → Move Right
   (HOME) key: Return to the middle position.

9. **Menu setting**
   Open or close the OSD menu

10. **Zoom Control**
    ↓ Zoom Out
    ↑ Zoom In

11. **Camera IR remote control address selection**
    Camera Address No.1 : (*)+(#)+(F1)
    Camera Address No.2: (*)+(#)+(F2)
    Camera Address No.3 : (*)+(#)+(F3)
    Camera Address No.4 : (*)+(#)+(F4)

Still have questions?
Give us a call.