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 **HuddleCamHD**

USB Conferencing Cameras.

innovate / distribute / support

Innovate.

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We bring together detailed knowledge of AV industry best practice and innovative products from global technology partners.

Our experience supporting AV and broadcast solutions across key market sectors is underpinned by 30 years of insights and customer understanding.



Support.

Our team is dedicated to finding the best possible solution for every project.

Our dedicated team provide a successful formula for delivering innovation, agility and practicality for any complex AV project challenges.

From specification assistance, design support, or post sale technical support, our team is right behind you.

Distribute.

Connecting you to world-leading brands.

We efficiently connect customers with leading, state of the art solutions through our sales, warehouse and distribution networks across Australia and New Zealand.

Our heavy investment in stock ensures we have what you need, when you need it.



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Contact Us.

For more information on the range of HuddleCamHD products for your next project visit us at www.madisonav.com.au or call on 1800 00 77 80.

About HuddleCamHD.

For meetings that matter



HuddleCamHD is a US-based company that offers both network and USB based webcams, as well as affordable, professional USB cameras featuring pan, tilt, and optical zoom capabilities.

Professional Quality Webcams

HuddleCamHD webcams are ideal for your video conferencing or streaming projects. The range includes advanced ePTZ webcams that allow you to pan, tilt and zoom beautiful video in 4K, and zoom just like a broadcast PTZ camera.

Auto Tracking & Auto Framing Cameras

Smooth automatic tracking and framing features make it easy to deliver high-quality conferences, video streams or lectures.

With set and forget presets, you can limit your tracking range to keep the camera centered on whiteboards, conference tables and more.

Universally Compatible

Easy set up, Plug-and-Play USB Connectivity – connect to a PC, Mac, or ChromeBox without the need for additional software. All HuddleCamHD cameras are designed for plug-and-play compatibility with web-based video conferencing software like Microsoft Teams, Skype, GoToMeeting, WebEX, or Zoom. Enjoy seamless integration even with live streaming applications like Facebook Live.





HuddleCamHD



Connecting through USB

Easy to connect by USB...used for most video related projects including live streaming, education and video communications.



Ensure better communication

Professional features like optical zoom, pan/tilt capabilities, easy-to-use IR Remote Control, HD video sensors, and more.



Less expensive

Our new technology is more flexible and affordable, works with any meeting software and all PC, Mac, Linux and Android systems.



Easy installation and use

Choose a mounting location, hardware, and a camera that fits your room type and audio preferences. Watch the setup video and test!



AUTO TRACKING CAMERAS.

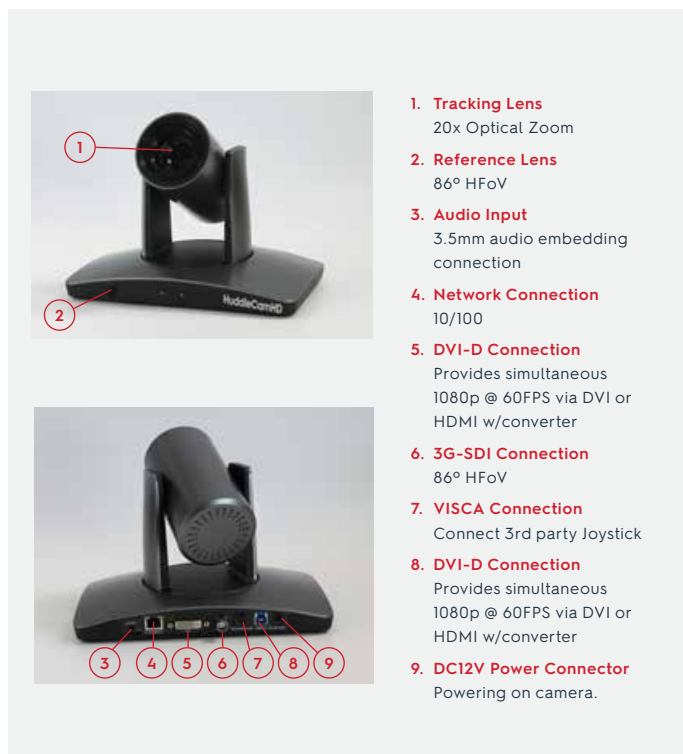
HUDDLECAMHD SIMPLTRACK2 AUTO TRACKING CAMERA



Simplify your lecture capture or conference recording workflow with the HuddleCamHD SimplTrack2. This auto-tracking PTZ camera is IP connected and NDI®-Enabled* which provides for remote management and advanced features for seamless 24/7 operation. The flexible output options make this camera ready for video conference or live stream.

KEY FEATURES

- 20x Optical Zoom
- Motion & Facial Framing
- RTSP / RTMP Streaming
- Multiple Video Outputs
- 1080@60 SDI Feed, 1080@60 IP Feed
- 59° Field of View
- Software Interface
- Supports VISCA Protocol & VISCA over IP
- Photobooth functionality
- Preset Zones and Triggers



- 1. Tracking Lens**
20x Optical Zoom
- 2. Reference Lens**
86° HFoV
- 3. Audio Input**
3.5mm audio embedding connection
- 4. Network Connection**
10/100
- 5. DVI-D Connection**
Provides simultaneous 1080p @ 60FPS via DVI or HDMI w/converter
- 6. 3G-SDI Connection**
86° HFoV
- 7. VISCA Connection**
Connect 3rd party Joystick
- 8. DVI-D Connection**
Provides simultaneous 1080p @ 60FPS via DVI or HDMI w/converter
- 9. DC12V Power Connector**
Powering on camera.



WHAT'S IN THE BOX

- 20x SimplTrack2 Camera
- Power Supply
- IR Remote
- RS-232 Control Cable
- USB 3.0 Cable 3m
- User Manual

COMPATIBLE WALL MOUNT

- HUD-HC-WM (Black) and HUD-HC-WM-WHT (White)

* An NDI upgrade is available as an optional purchase.
Order Code: HUD-PTG2-NDI-UPGRADE

HUD-HC20X-SIMPL2	
Image Sensor & Lens	
Video Sensor	1/2.8" EXMOR, 2.14 Mega Pixel
Frame Rate	60fps@1920x1080p
Lens Zoom	20x Optical, f=4.7-94mm
Field of View	2.9° (tele) to 59.5°(wide) Horizontal
Min Lux	0.5 lux
Reference Camera Image Sensor & Lens	
Video Sensor	1/2.8" EXMOR, 2.14 Mega Pixel
Field of View	86° (Horizontal) x 52° Vertical
Lens	2.4mm
Pan/Tilt Movement	
Pan Movement	±170°
Pan Speed	0.1° to 120° /s
Tilt Rotation	+90° to -30°
Tilt Speed	0.1° to 90° /s
Presets	256 presets
Electrical Index	
Power Supply	12V DC 2.5A
Input Power	20W (Max)
PoE	-
Physical Specifications	
Material	Aluminium, Plastic
Dimensions WxDxH	243 x 145 x 163mm
Weight	1.2kg
Working Environment	Indoor
Operating Temperature	0°C to 40°C
Storage Temperature	-20°C to 60°C
Humidity Range	10%-80%
Colour	Grey
Rear Board Connectors	
HD Video Interface	3G-SDI, USB 3.0, DVI-D, RJ-45
Controller Signal Interface	8-pin mini din (VISCA)
Audio Input Interface	3.5mm line in (embed RTSP & RTMP only)
Network	10/100
Power Supply Interface	DC 12V 2.5A
Warranty	
Manufacturing Warranty	3 Years Parts & Labour

HUDDLECAMHD SIMPLTRACK LITE

AUTO TRACKING CAMERA



The HuddleCamHD SimplTrack Lite is Plug-n-Play, making it easy to deliver high-quality conferences or lectures with no camera operator – or expertise – required. With a broad range of output options, including NDI®HX, USB 2.0, IP, SDI, and HDMI compatibility, the SimplTrack Lite is easy to set up and integrate with current systems.

KEY FEATURES

- 20x Optical Zoom
- Motion & Facial Framing
- RTSP / RTMP Streaming
- NDI®HX
- Multiple Video Outputs
- 1080@60 SDI Feed, 1080@60 IP Feed
- 59.5° Field of View

- PoE
- Software Interface
- Supports VISCA Protocol & VISCA over IP
- Photobooth functionality
- Preset Zones and Triggers
- All-in-one Solution
- Dedicated Management Software



- 1. Tracking Lens**
20x Optical Zoom
- 2. USB 2.0 Connection**
Provides simultaneous 1080p @ 30FPS
- 3. HDMI Connection**
Provides simultaneous 1080p @ 60FPS
- 4. Audio Input**
3.5mm audio embedding connection
- 5. Network Connection**
10/100 Ethernet port
PoE 802.3af capable
- 6. 3G-SDI Connection**
Provides simultaneous 1080p @ 60FPS
- 7. RS-232VISCA IN Connection**
Connect 3rd party Joystick
- 8. RS-232 VISCA OUT Connection**
For extending control to additional cameras
- 9. DC12V Power Connector**
Powering on camera.



WHAT'S IN THE BOX

- 20x SimplTrack Lite Camera
- Power Supply
- IR Remote
- RS-232 Control Cable
- Quick Start Guide

COMPATIBLE WALL MOUNT

- HUD-HC-WM (Black) and HUD-HC-WM-WHT (White)

HUD-HC20X-SIMPLLITE	
Image Sensor & Lens	
Video Sensor	1/2.8" CMOS, 2.14 Mega Pixel
Frame Rate	60fps@1920x1080p
Lens Zoom	20x Optical, f=4.7-94mm
Field of View	3° (tele) to 59°(wide) Horizontal
Min Lux	0.5 lux
Pan/Tilt Movement	
Pan Movement	±170°
Pan Speed	0.1° to 120° /s
Tilt Rotation	+90° to -30°
Tilt Speed	0.1° to 90° /s
Presets	64 presets
Electrical Index	
Power Supply	12V DC 2.5A
Input Power	20W (Max)
PoE	PoE (802.3af) Supported
Physical Specifications	
Material	Aluminium, Plastic
Dimensions WxDxH	211 x 139 x 208mm
Weight	1.2kg
Working Environment	Indoor
Operating Temperature	0°C to 40°C
Storage Temperature	-20°C to 60°C
Humidity Range	10% - 80%
Colour	Grey
Rear Board Connectors	
HD Video Interface	3G-SDI, USB 2.0, HDMI, RJ-45
Controller Signal Interface	8-pin mini din (VISCA)
Audio Input Interface	3.5mm line in (embed over IP feed only)
Network	10/100
Power Supply Interface	DC 12V 2.5A or PoE (802.3af)
Warranty	
Manufacturing Warranty	3 Years Parts & Labour

AUTO FRAMING CAMERA.



HUDDLECAMHD HUDDLEVIEW AUTO FRAMING CAMERA

The HuddleView automatically frames all the meeting participants in view during a meeting. It intelligently combines facial tracking and motion with a 12X optical zoom to make the HuddleView an ideal video conferencing camera solution for mid-to-large-sized conferencing spaces.

KEY FEATURES

- 12x Optical Zoom
- Motion & Facial Framing
- RSTP / RTMP Streaming
- Multiple Video Outputs
- 1080p@60 FPS SDI Feed
- 1080p@60 FPS IP Feed
- 72.5° Field of View
- Software Interface
- Supports VISCA Protocol & VISCA over IP
- Photobooth functionality
- Control Zones
- Control Zone Triggers

- 1. Tracking Lens**
12x Optical Zoom
- 2. Reference Lens**
86° HFoV
- 3. TF Slot**
Allows for Photobooth functionality
- 4. Audio Input**
3.5mm audio embedding connection
- 5. Network Connection**
10/100 Ethernet Port
- 6. DVI-D Connection**
Provides simultaneous 1080p @ 60FPS
- 7. 3G-SDI Connection**
Provides simultaneous 1080p @ 60FPS
- 8. VISCA Connection**
Connect 3rd party Joystick
- 9. USB 3.0 Connection**
Provides simultaneous 1080p @ 60FPS
- 10. DC12V Power Connector**
Powering on camera.

WHAT'S IN THE BOX

- 12x SimplTrack2 Camera
- Power Supply
- IR Remote
- RS-232 Control Cable
- USB 3.0 Cable 3m
- User Manual

COMPATIBLE WALL MOUNT

- HUD-HC-WM (Black) and HUD-HC-WM-WHT (White)

HUD-HC12X-HVIEW	
Image Sensor & Lens	
Video Sensor	1/2.8" EXMOR, 2.14 Mega Pixel
Frame Rate	60fps@1920x1080p
Lens Zoom	12x Optical, f=3.9-46.8mm
Field of View	6.3° (tele) to 72.5°(wide) Horizontal
Min Lux	0.5 lux
Reference Camera Image Sensor & Lens	
Video Sensor	1/2.8" EXMOR, 2.14 Mega Pixel
Field of View	86° (Horizontal) x 52° Vertical
Lens	2.4mm
Pan/Tilt Movement	
Pan Movement	±170°
Pan Speed	0.1° to 120° /s
Tilt Rotation	+90° to -30°
Tilt Speed	0.1° to 90° /s
Presets	256 presets
Electrical Index	
Power Supply	12V DC 2.5A
Input Power	20W (Max)
PoE	-
Physical Specifications	
Material	Aluminium, Plastic
Dimensions WxDxH	243 x 145 x 163mm
Weight	1.2kg
Working Environment	Indoor
Operating Temperature	0°C to 40°C
Storage Temperature	-20°C to 60°C
Humidity Range	10% - 80%
Colour	Grey
Rear Board Connectors	
HD Video Interface	3G-SDI, USB 3.0, DVI-D
Controller Signal Interface	8-pin mini din
Audio Input Interface	3.5mm
Network	10/100
Power Supply Interface	DC 12V 2.5A
Warranty	
Manufacturing Warranty	3 Years Parts & Labour

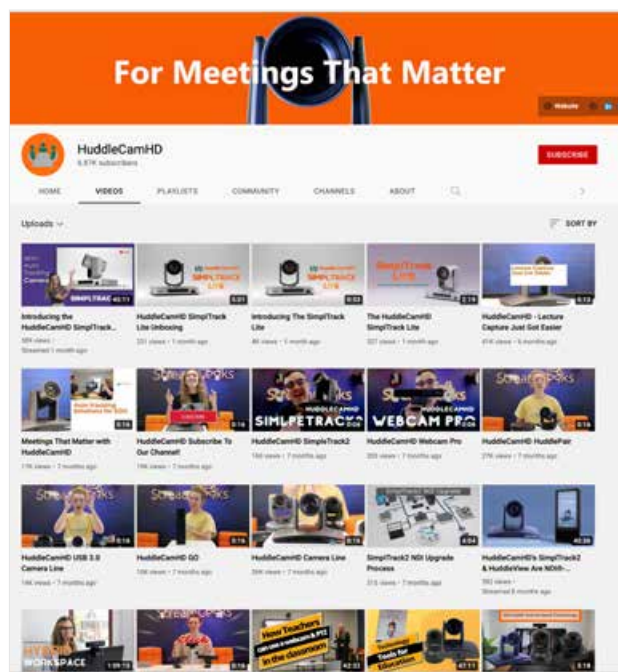
HUDDLECAMHD SUPPORT.

Leaders in the development of USB conferencing cameras, HuddleCamHD provides substantial user support in the form of knowledge articles and video resources, as well as ongoing support via their online ticketed support system.

EDUCATIONAL VIDEO LIBRARY

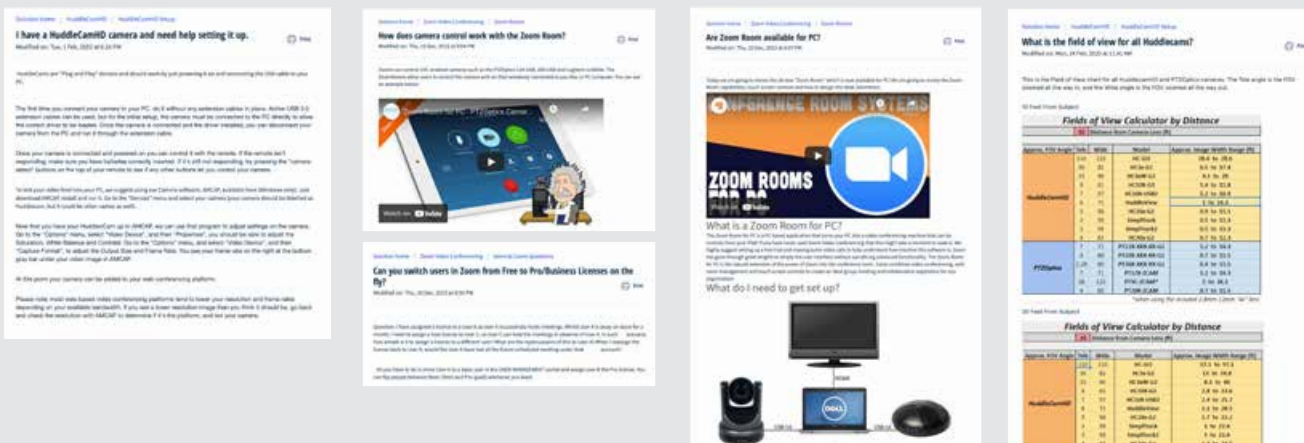
Hundreds of videos are available on their YouTube channel, covering many topics:

- Product unboxing
- Setup and configuration process
- Technology training
- Usage demonstrations
- Specialty use scenarios



help.huddlecamed.com

Refer to the comprehensive Knowledge Base for commonly asked questions, or submit a ticket for further assistance.



ELECTRONIC PTZ CAMERAS.

HUDDLECAMHD PRO 4K USB 3.0 EPTZ CONFERENCING CAMERA



The HuddleCamHD Pro is a 4K USB 3.0 EPTZ Conferencing camera that allows for fluid electronic pan, tilt and zoom. It features autoframing and beamforming dual microphone array providing intelligible audio up to 10' away.

KEY FEATURES

- Auto Framing
- 108° Field of View lens
- 1/4-20 mounting screw
- HDMI 1.4 (4K@30)
- Built in beamforming dual microphone array
- USB Powered
- IR Remote Control
- 4K@30 over USB 2.0 / 3.0*
- 10 Presets via IR Remote



HUD-HC-EPTZ-USB

Camera & Lens	
Field of View	108°
Video CMOS Sensor	1/2.5" CMOS 8.51M Mega Pixel
Focal Length	2.8mm
Zoom	8x Digital Zoom
EPTZ Control Methods	UVC 1.5, IR Remote
Compression	MJPEG, YUY2, H.264
Resolution	3840x2160*, 1920x1080, 1280x720, 1024x576 960x540, 960x480, 640x360
Frame Rate	50Hz: 1 - 25, 60Hz 1 - 30
Min Lux	0.05 Lux @ F1.8, AGC On
Physical Specifications	
Connection Interface	USB 3.0, HDMI 1.4
Material	Aluminium, Plastic
Dimensions WxDxH	194 x 60 x 93mm
Weight	0.34kg
Box Dimensions	238 x 109.5 x 117.5mm
Box Weight	1.1kg
Input Voltage	5V (USB 3.0 Power)
Operating Temperature	-10°C to 40°C
Storage Temperature	-10°C to 40°C
Colour	Grey
Warranty	
Manufacturing Warranty	5 Years Parts & Labour

*Cannot perform 3840x2160@30 via H.264



HUDDLECAMHD PRO IP

4K EPTZ CONFERENCING CAMERA



The HuddleCamHD Pro IP is a NDI®|HX 4K camera that allows for electronic pan tilt zoom. It features autoframing and a beamforming dual microphone array providing intelligible audio up to 10' away.

KEY FEATURES

- Auto Framing
- 108° Field of View lens
- 1/4-20 mounting screw
- NDI®|HX Network connectivity
- 4K@30 capable
- Built in beamforming dual microphone array
- Power over Ethernet
- IR Remote control
- 255 Presets via IP



HUD-HC-EPTZ-NDI

HUD-HC-EPTZ-NDI	
Camera & Lens	
Field of View	108°
Video CMOS Sensor	1/2.5" CMOS 8.51M Mega Pixel
Focal Length	2.8mm
Zoom	8x Digital Zoom
EPTZ Control Methods	IR Remote, VISCA over IP, HTTP-CGI
Compression	MJPEG, YUY2, H.264, H.265
Resolution	3840x2160, 1920x1080, 1280x720, 1024x576 960x540, 960x480, 640x360
Frame Rate	50Hz: 1 - 25, 60Hz: 1 - 30
Min Lux	0.05 Lux @ F1.8, AGC On
Physical Specifications	
Connection Interface	RJ-45, USB 2.0 (Future use)
Material	Aluminium, Plastic
Dimensions WxDxH	194 x 60 x 93mm
Weight	0.34kg
Box Dimensions	238 x 109.5 x 117.5mm
Box Weight	1.1kg
Input Voltage	DC12V/PoE (IEEE 802.3af)
Operating Temperature	-10°C to 40°C
Storage Temperature	-10°C to 40°C
Colour	Grey
Warranty	
Manufacturing Warranty	5 Years Parts & Labour



MECHANICAL PTZ CAMERAS.

HUDDLECAMHD 3X USB 2.0 USB 2.0 PLUG & PLAY CONFERENCE ROOM WEBCAM



Designed with a wide variety of conferencing setups in mind, the HuddleCamHD 3X is ideal for small to medium-sized conference rooms using a Mac or PC with web-based video conferencing / live streaming software.

KEY FEATURES

- 3x Optical Zoom
- USB 2.0
- RS-232 Serial Control
- 1920 x 1080
- 91° Field of View
- Up to 30 fps
- 64 Presets
- IR Remote
- OSD Control



- 1. Lens**
3x 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. IR Receiver**
To receive IR remote control signal
- 6. USB 2.0 Interface**
For video connection to PC
- 7. RS-232 In Port**
Used for connecting RS-232 control to camera
- 8. RS-485 In Port**
Used for connecting RS-485 control to camera; & daisy chaining via Pelco-D
- 9. DC 12V in Socket**
Only use the power adapter supplied with this camera.



- ### WHAT'S IN THE BOX
- 3x Zoom USB 2.0 Camera
 - 12V/2.0A DC Power Adapter
 - USB 2.0 Data Cable (4.9m)
 - Serial Control Cable
 - RS-232C to RS-485 Adaptor
 - IR Remote Control
 - Wall Mount
 - Quick Start Guide

HUD-HC3X-BK-G2 (BLACK) HUD-HC3X-WH-G2 (WHITE)	
Image Sensor & Lens	
Video CMOS Sensor	1/2.7" CMOS, 2.1 Mega Pixel
Resolution	1080p-30/25, 720p-30/25, SVGA
Frame Rate	up to 30fps (MJPEG)
Lens Zoom	3x Optical, f=3-10mm F2.0
Field of View	34° (tele) to 91°(wide)
Pan/Tilt Movement	
Pan Movement	±175°
Tilt Rotation	Up to 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
Physical Specifications	
Material	Aluminium, Plastic
Dimensions WxDxH	124 x 145 x 120mm (150 H max w/tilt)
Weight	0.75kg
Box Dimensions WxDxH	222 x 225 x 178mm
Box Weight	1.66kg
Operating Temperature	0°C to 45°C
Colour	Black or White
Rear Board Connectors	
Video Interface	USB 2.0, UVC 1.5
Controller Signal Interface	Mini DIN-8 (RS-232 in, RS485 in, Pelco-D in/out)
Controller Signal Configuration	Dome OSD
Baud Rate	9600 bps
Power Supply Interface	DC 12V 2A
Quality Management System	
QMS	Certified ISO9001: 2008
Warranty	
Manufacturing Warranty	2 Years Parts & Labour



HUDDLECAMHD 10X USB 2.0

USB 2.0 PLUG & PLAY CONFERENCE ROOM WEBCAM

The HuddleCamHD 10X is an incredibly simple yet powerful video conferencing camera with 10X Optical Zoom for capturing all the action in small to medium-sized rooms.

KEY FEATURES

- 10x Optical Zoom
- USB 2.0
- RS-232 Serial Control
- 1920 x 1080
- 60° Field of View
- Up to 30fps
- 64 Presets
- IR Remote
- OSD Control



HUD-HC10X-USB2-BK (BLACK)	
HUD-HC10X-USB2-WH (WHITE)	
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, f=4.7-47mm F1.6
Field of View	8° (tele) to 60° (wide)
Pan/Tilt Movement	
Pan Movement	±175°
Tilt Rotation	Up to 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
Physical Specifications	
Material	Aluminium, Plastic
Dimensions WxDxH	124 x 145 x 120mm (150 H max w/tilt)
Weight	0.75kg
Box Dimensions WxDxH	222 x 225 x 178mm
Box Weight	1.66kg
Operating Temperature	0°C to 45°C
Colour	Black or White
Rear Board Connectors	
Video Interface	USB 2.0, UVC 1.5
Controller Signal Interface	UVC 1.5 - Mini DIN-8 (RS-232 IN, RS-485 IN)
Controller Signal Configuration	Dome OSD
Baud Rate	9600 bps
Power Supply Interface	DC 12V 2A
Quality Management System	
QMS	Certified ISO9001: 2008
Warranty	
Manufacturing Warranty	2 Years Parts & Labour



HUDDLECAMHD 3X AUDIO

USB 2.0 PLUG & PLAY CONFERENCE ROOM CAMERA WITH BUILT-IN MICROPHONE ARRAY

Designed with a wide variety of conferencing setups in mind, the HuddleCamHD 3XA is ideal for small to medium-sized conference rooms using a Mac or PC with web-based video conferencing / live streaming software. It features a built in microphone array audio solution.

KEY FEATURES

- 3x Optical Zoom
- Dual Mic Array
- USB 2.0
- RS232 Serial Control over IP
- 1920 x 1080p
- 91° Field of View
- Up to 30 fps
- 64 Presets
- IR Remote
- OSD Control



HUD-HC3XA-BK (BLACK) HUD-HC3XA-WH (WHITE)	
Image Sensor & Lens	
Video CMOS Sensor	1/2.97" Sony CMOS, 2.1 Mega Pixel
Resolution	1080p-30/25, 720p-30/25, SVGA
Frame Rate	up to 30fps (MJPEG)
Lens Zoom	10x Optical, f=4.7-47mm F1.6
Field of View	8° (tele) to 60°(wide)
Pan/Tilt Movement	
Pan Movement	±175°
Tilt Rotation	Up to 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
Physical Specifications	
Material	Aluminium, Plastic
Dimensions WxDxH	124 x 145 x 120mm (150 H max w/tilt)
Weight	0.75kg
Box Dimensions WxDxH	222 x 225 x 178mm
Box Weight	1.66kg
Operating Temperature	0°C to 45°C
Colour	Black or White
Rear Board Connectors	
Video Interface	USB 2.0, UVC 1.5
Controller Signal Interface	UVC 1.5 - Mini DIN-8 (RS-232 IN, RS-485 IN)
Controller Signal Configuration	Dome OSD
Baud Rate	9600 bps
Power Supply Interface	DC 12V 2A
Quality Management System	
QMS	Certified ISO9001: 2008
Warranty	
Manufacturing Warranty	2 Years Parts & Labour



HUDDLECAMHD 10X USB 3.0

USB 3.0 CONFERENCING CAMERA

The HuddleCamHD USB 3.0 Gen3 camera series is built to provide superb 1080p quality. Ten times faster than USB 2.0 - you will notice the difference right away. Its 10X camera provides an easy USB 3.0 connection to any PC or Mac, for web video conferencing simplicity.

KEY FEATURES

- 10x Optical Zoom
- USB 3.0 (requires quad-core processor)
- USB 2.0 (Reduced FPS)
- RS-232 Serial Control
- 1920 x 1080
- 61° Field of View
- Up to 30fps
- 64 Presets
- IR Remote



HUD-HC10X-GY-G3 (GREY)	
HUD-HC10X-WH-G3 (WHITE)	
Image Sensor & Lens	
Video CMOS Sensor	1/2.8" CMOS, 2.1 Mega Pixel
Resolution	1080p-30/25, 720p-30/25, SVGA
Frame Rate	up to 30fps (MJPEG)
Lens Zoom	10x Optical, f=4.7-47mm F1.6
Field of View	8° (tele) to 60°(wide)
Pan/Tilt Movement	
Pan Movement	±340°
Tilt Rotation	Up to 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
Physical Specifications	
Material	Aluminium, Plastic
Dimensions WxDxH	145 x 160 x 151mm (188 H max w/tilt)
Weight	1.1kg
Box Dimensions WxDxH	307 x 241 x 244mm
Box Weight	2.54kg
Operating Temperature	0°C to 45°C
Colour	Grey or White
Rear Board Connectors	
Video Interface	USB 3.0
Controller Signal Interface	Mini DIN-8 (VISCA In/Out, PELCO-D In/Out)
Controller Signal Configuration	Dip-Switch Pin 6/TTL Signal
Baud Rate	9600 bps
Power Supply Interface	DC 12V 2A
Quality Management System	
QMS	Certified ISO9001: 2008
Warranty	
Manufacturing Warranty	2 Years Parts & Labour

FIXED ZOOM CAMERAS.

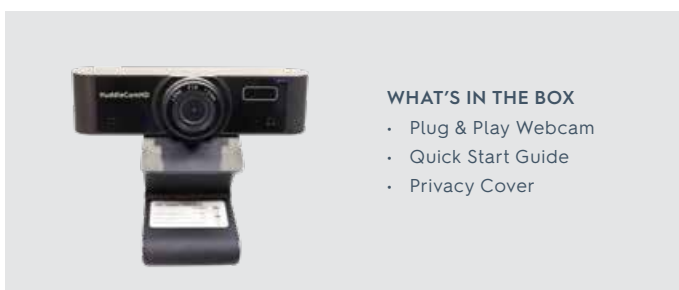
HUDDLECAMHD WEBCAM USB 2.0 CONFERENCING WEBCAM



Designed with a wide variety of home office and small-room conferencing setups in mind, the HuddleCamHD Webcam features a stunning wide-angle 104° field of view. With a USB 2.0 video connection, this webcam is ideal for virtually any meeting software.

KEY FEATURES

- Plug & Play USB power
- USB 2.0
- 1920 x 1080
- 104° Field of View
- Up to 30 fps
- Webcam v2 Configuration Tool



HUD-HC-WEBCAM-104-V2

Image Sensor & Lens	
Video CMOS Sensor	1/2.7" CMOS, 2.07 Mega Pixel
Resolution	1080p-30/25, 720p-30/25, SVGA
Frame Rate	up to 30fps (MJPEG)
Lens	Focus: f=2.26mm
Horizontal Field of View	104°
Min. Illumination	0.5 Lux @ (F2.0, AGC ON)
Digital Noise Reduction	2D, 3D DNR
Electrical Index	
Input Voltage	5V (USB Power)
Current consumption	200mA
Power consumption	1W
Working Environment	Indoor
Physical Specifications	
Cable Length	139.7cm
Material	Plastic
Dimensions WxDxH	118 x 37.2 x 30.8 (not including bracket)
Weight	0.16kg
Box Dimensions WxDxH	137 x 79 x 76mm
Box Weight	0.34kg
Operating Temperature	-10°C to 40°C
Storage Temperature	-40°C to 60°C
Colour	Black
Rear Board Connectors	
Video/Power Interface	USB 2.0
Warranty	
Manufacturing Warranty	5 Years Parts & Labour



SUPPORT UTILITIES.

HuddleCamHD provides an extensive range of support utilities for their cameras. The tools include configuration tools, control software guides, video tools and upgrade tools.

huddlecamed.com/support-utilities/

Support Utilities
Free camera control applications, guides, and video tools.

Below you will find support utilities for HuddleCamHD cameras. If you have any questions about the use of these tools please feel free to [submit a ticket](#) or [contact our Knowledge Base](#) if you're.

- Webcam Config Tool**
Control and adjust your camera settings within your web browser. Compatible with Pro Webcam and Webcam HD models.
[LEARN MORE](#) [VIEW TOOL](#)
- AMCAP USB Camera Configuration Software**
Adjust your HuddleCamHD tool in AMCAP tool for best use.
[LEARN MORE](#)
- Tracking Control Software**
For SmartTrack2 and HuddleFree camera models.
[LEARN MORE](#)
- Upgrade Tool**
Use this tool to upgrade your camera's firmware and set IP addresses for VC Pro 2i.
[LEARN MORE](#) [VIDEO TUTORIAL](#) [FAQ](#)
- Camera Control App**
The free non-free camera control application. Compatible with 20/20A, 20i/20i2/20NA/20i-CL, 20i, and 30i control models.
[LEARN MORE](#)
- HTML Control Pages (for NDA) - Webcam**
Take control of your NDA webcam over the network and via OBS with these customizable HTML templates.
[LEARN MORE](#)
- Resolution Change**
How to change the image resolution of your HuddleCamHD camera.
[LEARN MORE](#)
- 3X/4x Camera and Base Dimensions**
Full outline of dimensions of our HuddleCamHD 3X/4X Camera and their bases.
[LEARN MORE](#) [VIEW DIMENSIONS](#)
- Camera Control Commands**
List of camera commands for manual control tools, VSCA over IP and HTTP-GUI commands for SmartTrack2 and HuddleFree camera only.
[VIEW HTML COMMANDS](#) [HTTP-GUI COMMANDS](#) [VSCA COMMANDS](#)

- HuddleCamHD Terminal App**
Send custom low commands to camera through IP or USB. Download this free software utility for sending and receiving HEX commands to control and diagnose.
[LEARN MORE](#)
- HuddleCamHD Diagnostic Tool**
Test the functionality of your HuddleCamHD Camera.
[LEARN MORE](#)
- Cables/Extron Cables**
Purchase Cables & Extronables.
[LEARN MORE](#)
- CAD Drawings**
Exact dimensions of several HuddleCamHD products.
[LEARN MORE](#)
- Warranty**
HuddleCamHD's warranty.
[LEARN MORE](#)

Select Support Articles

- Extending USB 3.0**
Everything you need to know about extending USB 3.0.
[WATCH THE VIDEO SERIES](#)
- Camera Mount Guide**
Directions for setting and cutting camera mounts for our PTZ cameras.
[LEARN MORE](#)
- Image Flip**
Instructions to perform an image flip on your HuddleCam.
[LEARN MORE](#)

HUDDLECAMHD GO

CAMERA, MICROPHONE & SPEAKER CONFERENCING CAMERA



A single USB 2.0 is all you need to connect video conferencing with crystal clear audio and HD video. The HuddleCam Go will delight users with the perfect combination of portability, compatibility and ease of use.

KEY FEATURES

- All-in-One Camera/Microphone/Speaker
- USB 2.0 Powered
- 1920 x 1080
- 110° Field of View
- Up to 30 fps



HUD-HC-GO-BK	
Head Parameters	
Lens Field of View	110° FOV
Tilt	-30°
Microphone Range	360° up to 10 feet
Physical Specifications	
Dimensions WxDxH	60.3 x 60.3 x 234.9mm
Weight	0.16kg
Colour	Black
Warranty	
Manufacturing Warranty	3 Years Parts & Labour





HUDDLEPAIR

USB 2.0 WEBCAM AND WIRELESS SPEAKERPHONE

The HuddlePair is a webcam & wireless speakerphone combo. The wide angle camera includes an internal wireless dongle, providing complete connection with a single USB 2.0 cable.

KEY FEATURES

- 106° Field of View lens
- 1/4-20 mounting screw
- Wireless HuddlePod connectivity
- 360° omnidirectional mic
- Plug-and-Play
- Manual pan & tilt



HUD-HC-HUDDLEPAIR	
Image Sensor & Lens	
Video CMOS Sensor	1/2.7" CMOS, 2.07 Mega Pixel
Resolution	1080p-30/25, 720p-30/25, SVGA
Frame Rate	up to 30fps (MJPEG)
Lens	Focus: f=2.26mm
Horizontal Field of View	104°
Min. Illumination	0.5 Lux @ (F2.0, AGC ON)
Digital Noise Reduction	2D, 3D DNR
Electrical Index	
Input Voltage	5V (USB Power)
Current Consumption	200mA
Power Consumption	1W
Working Environment	Indoor
Physical Specifications	
Cable Length	139.7cm
Material	Plastic
Dimensions WxDxH	118 x 37.2 x 30.8 (not including bracket)
Weight	0.16kg
Box Dimensions WxDxH	137 x 79 x 76mm
Box Weight	0.34kg
Operating Temperature	-10°C to 40°C
Storage Temperature	-40°C to 60°C
Colour	Black
Rear Board Connectors	
Video/Power Interface	USB 2.0
Warranty	
Manufacturing Warranty	5 Years Parts & Labour



SPEAKERPHONES.

HUDDLEPOD AIR WIRELESS USB SPEAKERPHONE



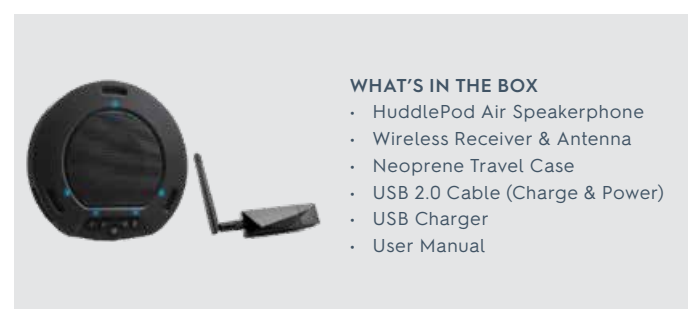
The HuddlePod Air is the ideal wireless USB conference phone. With a full-duplex, omnidirectional microphone the HuddlePod Air takes advantage of a direct 2.4GHz wireless USB receiver to provide crystal clear conference calls.

KEY FEATURES

- 2.4 GHz Wireless
- Echo Cancellation
- Noise Cancellation
- 360° Omni Directional Pickup
- Full Duplex
- Easy to Use
- Auto Level Control
- Neoprene Travel Case



HUD-HC-AIR-BK	
Microphone Features	
Echo Cancellation	256 ms Echo Cancellation
Audio Output	1/8" TRS Headphone
Noise Cancellation	Intelligent NC up to 16db
Digital Equaliser	Built-in Digital EQ for stable audio
Battery Life	6-8 hours, 4-5 hour charge time
Wireless Speakerphone Specifications	
Weight	0.36kg
Dimensions	177mm diameter, 38mm height
Working Environment	Indoor
Operating Temperature	-0°C to 40°C
Humidity Range	20%-85%
Compatibility	MS WIN 7/8.1/10, Mac 10.5+, Android 4.4+
RF Frequency Range	2.400 GHz - 2.4835 GHz
Colour	Black
Certifications	
Certifications	CE Mark (R & TTE Directive)
Warranty	
Manufacturing Warranty	3 Years



HUDDLEPOD AIR2 DUO

DUAL WIRELESS USB SPEAKERPHONE



This dual wireless speakerphone system features full-duplex omni-directional microphones and 256ms echo cancellation to provide crystal clear conference calls. The direct 2.4GHz wireless USB receiver provides a reliable connection without wires.

KEY FEATURES

- 2.4 GHz Wireless
- Echo Cancellation
- Noise Cancellation
- 360° Omni Directional pickup
- Full Duplex Audio
- Easy to Use
- Auto Level Control
- Two (2) Chat Pods



HUD-HC-AIR2-DUO	
Microphone Features	
Echo Cancellation	256 ms Echo Cancellation
Audio Output	1/8" TRS Headphone
Noise Cancellation	Intelligent NC up to 16db
Digital Equaliser	Built-in Digital EQ for stable audio
Battery Life	8-9 hours, 4-5 hour charge time
Microphone Range	3m
Wireless Speakerphone Specifications	
Weight	0.45kg
Dimensions	178mm length, 152mm width, 38mm height
Working Environment	Indoor
Operating Temperature	-0°C to 40°C
Working Humidity	20%-85%
Compatibility	MS WIN 7/8.1/10, Mac 10.5+, Android 4.4+
RF Frequency Range	2.400 GHz - 2.4835 GHz
Colour	Black
Certifications	
Certifications	CE Mark (R & TTE Directive)
Warranty	
Manufacturing Warranty	3 Years



ACCESSORIES.

SMALL UNIVERSAL WALL MOUNT HUD-SWM (BLACK) AND HUD-SWM-WHT (WHITE)



This Universal Thin Profile Wall Mount is constructed from heavy gauge steel, and is designed specifically for an ideal way to wall mount a camera above or below a plasma or LCD monitor.

KEY FEATURES

- Mounts directly to wall with supplied hardware
- Black or White powder coat finish provides long lasting durability
- Universally compatible with all centre mount cameras
- Mounting hardware included.

COMPATIBILITY

- Recommended for HuddleCamHD cameras HUD-HC-10X-GY-G3 and HUD-HC-10X-WH-G3
- All PTZOptics cameras
- Plus most small based SONY, Panasonic, Cisco, Polycom, Vaddio, etc. cameras with a 1/4-20 mounting hole.

LARGE UNIVERSAL WALL MOUNT HUD-HC-WM (BLACK) AND HUD-HC-WHT (WHITE)



This Universal Thin Profile Wall Mount is constructed from heavy gauge steel, and is designed specifically for an ideal way to wall mount a camera above or below a plasma or LCD monitor.

KEY FEATURES

- Mounts directly to wall with supplied hardware
- Black or White powder coat finish provides long lasting durability
- Universally compatible with all centre mount cameras
- Mounting hardware included.

COMPATIBILITY

- Recommended for HuddleCamHD cameras HUD-HC20X-SIMPL2, HUD-HC20X-SIMPLLITE and HUD-HC12X-HVIEW
- All PTZOptics cameras
- Plus most large based SONY, Panasonic, Cisco, Polycom, Vaddio, etc. cameras with a 1/4-20 mounting hole.

UNIVERSAL CEILING MOUNT BRACKET HUD-PT-CM-I-BK (BLACK) AND HUD-PT-CM-I-WH (WHITE)



This Universal Ceiling Mount is a secure metal bracket designed for all HuddleCamHD cameras.

KEY FEATURES

- Mounts directly to ceiling with included hardware
- Black powder coat paint provides an attractive, tough and lasting finish
- Attractive and discreet design
- Dimensions: 142 mm W x 166 mm D
- Weight: 0.45 kg.

COMPATIBILITY

- Suitable for HuddleCamHD camera HUD-HC10X-GY-G3 or HUD-HC10X-WH-G3
- Plus other small footprint cameras, such as PTZOptics, Vaddio, VDO360, Sony, and more.



JOYSTICK CONTROLLER

SERIAL JOYSTICK

Easy pan, tilt, & zoom control for any VISCA or PELCO protocol camera. Adjust pan, tilt, zoom, & focus speeds. Use 3-dimensional joystick with “twist” for zoom control.

KEY FEATURES

- Durable Metal Housing
- RS232, RS485, & RS422
- On Screen Display Menu control
- Variable Pan, Tilt, Zoom, & Focus speed control
- Iris, Focus, & Preset control
- 6 Camera Quick Select keys
- 9 Quick Preset Set & Call keys



- LCD Display**
Menu options are displayed here
- Lens Control**
Focus +/-, Focus Lock/Unlock, Iris +/-, Auto Focus & Exposure
- Joystick**
Three-axis joystick controller
- Camera Quick Select**
Quickly swap between first six cameras
- Preset & OSD Control**
Allows for preset, speed & OSD control
- Numeric Keys**
Numeric keys for presets, changing parameters, and more
- DB9 Connection**
Allow for RS232 through DB9 connections
- Phoenix Connection**
Allows for RS422 or RS485 wiring connections
- Power Connection**
DC12V Power Connection.



- WHAT'S IN THE BOX**
- Three-axis Joystick
 - RS232 Cable
 - DC12V Power Supply
 - User Manual

HUD-HC-JOY-H3	
Key Technical Specifications	
Connections	RS232, RS485, RS422
Baud Rate	1200 - 19200 bps
Interfaces	DB9: RS232; 5SCT: RS485/RS422
Maximum Cameras	Control up to 255 cameras
Maximum Presets	Up to 255 presets
Maximum Distance	1200m using 24 gauge twisted pair
Operation Specifications	
Power	6W (12VDC Voltage)
Working Temperature	-10°C to 50°C
Working Humidity	10%-90% (non-condensation)
Weight	1.6kg
Dimensions	320W x 109H x 180D mm
Warranty	
Manufacturing Warranty	2 Years





Connect with us.

Call 1800 00 77 80

www.madisonav.com.au

Brisbane Head Office
Level 2, Building 1
61 Metroplex Ave
Murarrie QLD 4172

Melbourne
51 Barclay Road
Derrimut VIC 3026

Sydney
149 Beaconsfield Street
Silverwater NSW 2128

Perth
73 Boulder Road
Malaga WA 6090

