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 **HuddleCamHD**

**Pan-Tilt-Zoom
Camera Solutions.**

innovate / distribute / support

About MadisonAV.

MadisonAV is an Australian owned and operated business that innovates, distributes and supports a range of high-quality AV product solutions from globally recognised brands.



Innovate.

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.

Distribute.

We efficiently connect customers with leading, state of the art solutions through our sales, warehouse and distribution networks across Australia. Our heavy investment in stock ensures we have what you need, when you need it.



Support.

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.

About PTZOptics & HuddleCamHD.

Founded in 2014 by a group of innovative engineers from Haverford Systems, PTZOptics and HuddleCamHD are two industry-leading brands that are reshaping the landscape of broadcast and video conferencing technology.



At PTZOptics, the mission was clear: to create a versatile “swiss army knife” for the complex needs of the broadcast industry. They set out to design and manufacture robotic pan, tilt, and zoom (PTZ) camera solutions that not only met but exceeded the demands of video production and live streaming.

With the introduction of a portfolio of high-performance PTZ cameras, they quickly outshone some of the biggest brands in the rapidly growing PTZ camera category. PTZOptics cameras have become the go-to choice for broadcasters, content creators, and live streamers around the world.



The renowned USB webcams, available in both wireless and wired options, offer exceptional pan, tilt, and optical zoom capabilities. HuddleCamHD has become synonymous with reliable and budget-friendly solutions for all your video conferencing needs.

Whether you're a content creator, broadcaster, live streamer, or business professional seeking top-notch video conferencing solutions, PTZOptics and HuddleCamHD have got you covered.

Contact Us.

For more information on the range of PTZOptics & HuddlecamHD Camera Solutions for your next project visit us at www.madisonav.com.au or call on 1800 00 77 80.

PTZ CAMERAS.

PTZOPTICS MOVE SE

ADVANCED PTZ AUTO-TRACKING AVAILABLE IN 12x, 20x AND 30x NDI® licence included

Built on the award-winning PTZOptics camera line, the Move SE includes the features you love and puts them more within reach than ever. These SDI cameras offer 1080p at 60FPS along with HDMI, USB, and IP Outputs. Compatible with most video production software, including OBS, vMix, Wirecast and more. Available in White and Grey.



12x	HUD-PT12X-SE-GY-G3 (Grey)	HUD-PT12X-SE-WH-G3 (White)
20x	HUD-PT20X-SE-GY-G3 (Grey)	HUD-PT20X-SE-WH-G3 (White)
30x	HUD-PT30X-SE-GY-G3 (Grey)	HUD-PT30X-SE-WH-G3(White)

PTZOPTICS MOVE 4K

4K AUTO-TRACKING PTZ CAMERA AVAILABLE IN 12x, 20x AND 30x

The PTZOptics Move Series is our first line of 4K PTZ cameras, featuring auto-tracking to allow a single operator to take on the task of a full production team. The Move 4K camera is NDI HX3 certified, and has outputs for SDI, SDI, HDMI, USB, and IP and comes with either a 12x, 20x, or 30x optical zoom, as well as a built-in tally light. Compatible with most video production software. Available in White and Grey.



12x	HUD-PT12X-4K-GY-G3 (Grey)	HUD-PT12X-4K-WH-G3 (White)
20x	HUD-PT20X-4K-GY-G3 (Grey)	HUD-PT20X-4K-WH-G3 (White)
30x	HUD-PT30X-4K-GY-G3 (Grey)	HUD-PT30X-4K-WH-G3 (White)



PTZOPTICS LINK 4K

NOW WITH DANTE AV-H™ AND AVAILABLE IN 12x, 20x AND 30x

Providing simple set up and manageability while offering the latest in auto-tracking capabilities, the Link 4K fits easily into any Dante AV-H workflow. The Link 4K has outputs for SDI, HDMI, USB, and IP and comes with either a 12x, 20x, or 30x optical zoom, as well as a built-in tally light. Compatible with most video production software. Available in White and Grey.



12x	HUD-PT12X-LINK-4K-GY (Grey)	HUD-PT12X-LINK-4K-WH (White)
20x	HUD-PT20X-LINK-4K-GY (Grey)	HUD-PT20X-LINK-4K-WH (White)
30x	HUD-PT30X-LINK-4K-GY (Grey)	HUD-PT30X-LINK-4K-WH (White)

PTZ CAMERAS COMPARISON CHART

	Move SE	Move 4K	Link 4K
Zoom Options	12x, 20x and 30x	12x, 20x and 30x	12x, 20x and 30x
Resolution	Up to 1080p @ 60FPS	Up to 4K @ 60FPS	Up to 4K @ 60FPS
Warranty	5 Years	5 Years	5 Years
HDMI	1.3	2.0	2.0
USB 2.0	Type C	Type A	Type A
PoE	PoE	PoE+	PoE+
NDI®/HX3 Native	NDI®/HX support	√ Native NDI®/HX support for 4K video up to 60fps	- Native Dante-AVH support for 1080p video up to 60fps
Dante AV-H	-	-	√
Auto-Tracking	√	√	√
Serial Control (RS-232/RS-485)	√	√	√
SRT	√	√	√
RTSP/RTMP (S)	√	√	√
3.5mm Audio Embedding Connection	√	√	√
Camera Management Platform (Windows, Mac and Linux)	√	√	√
iOS Control App	√	√	√
Built In Tally Light	-	√	√

AUTO TRACKING & FRAMING CAMERA.



HUDDLECAMHD SIMPLTRACK3 20X OPTICAL ZOOM USB 3.0 AUTO TRACKING CAMERA

Built with an advanced dual sensor system, the SimplTrack3 provides a high-precision auto-tracking mode and an intuitive auto-framing mode for a wide variety of applications.



The HuddleCamHD SimplTrack3 offers connectivity that is simplified through USB 3.0 and Power over Ethernet (PoE), allowing a dual-sensor camera to be powered with a single ethernet cable. With advanced auto-tracking and auto-framing, SimplTrack3 switches effortlessly between tracking individuals and framing groups, ideal for conferences, stage productions, and classrooms. Its smart technology focuses on the subject, ignoring distractions.

Advanced Zone Management

The Tracking Zone encompasses the entire area. It's designed to ensure smooth tracking of the presenter or lecturer, covering a wide range and offering flexibility in movement. The Preset Zone represents an innovative feature where an automated preset is triggered when the camera enters a selected area. This could include switching to a separate camera, activating a stage light, or any other preset tailored to enhance the presentation or lecture experience. The wide angle reference camera provides intelligent controls for camera operation allow the camera to have stage awareness and produce the entire event automatically.

Customisability

With SimplTrack3, you can automate camera controls and quickly adapt to any unique workflow. Customised tracking sensitivity options allow for the complete customisation of the zoom level, pan/tilt speeds, and automatic operations to match the educator's presentation style. Manual Mode can be enabled, allowing you to operate the SimplTrack3 with the included IR remote, a PTZ camera joystick controller, or camera control apps.

Dual-Sensor and Scalability

The SimplTrack3's dual-sensor system provides flexibility and superior performance, simultaneously capturing wide-angle and close-up views. SimplTrack3 supports multiple video outputs for seamless system integration and is designed for scalable deployments with dedicated management software.

HUD-HC20X-SIMPL3 KEY FEATURES

- Field of View: Horizontal 3° ~ 59.5° | Vertical 2° ~ 36°
- Intuitive Auto Framing
- Auto-Tracking up to 55ft
- Advanced Zone Management with 8 preset zones
- 20X Zoom in 1080p
- PoE Support
- Dual-Sensor System and Scalability
- Available in Grey
- 3-Year Warranty



WEBCAMS.

HUDDLECAMHD MINITRACK 4K PRO

AI AUTO TRACKING & AUTO FRAMING

The MiniTrack 4K Pro is perfect for hybrid or remote workers, traveling from one location to the next. Not only does the small form factor make it easy to transport, but with EPTZ controls, there are no moving parts, ensuring safety during a long commute.

HUD-HC-MT-4KPRO KEY FEATURES

- 4K@30 fps
- 108° FoV
- 8X Digital Zoom
- Plug and Play
- Universal Compatibility
- Auto-Framing
- Auto-Tracking
- Includes Lens Cover
- USB 3.0 Powered
- IR Remote Included
- Beamforming Mic Array
- 5-Year Warranty



HUDDLECAMHD WEBCAM 104

A WEBCAM FOR PROFESSIONALS

The Webcam 104 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. Designed with a wide variety of portable and small-room conferencing setups in mind, the Webcam 104 is ideal for video conferencing with any Mac or Windows OS.

HUD-HC-WEBCAM-104-V2 KEY FEATURES

- 1920x1080p @ 30fps
- 104° FoV
- EPTZ Capability
- Plug and Play
- Universal Compatibility
- Control White Balance, Contrast, Shutter Speed, Iris and More
- Monitor or Thread Mounting Option
- Includes Lens Cover
- USB 2.0 Powered
- Built-in Beamforming
- Microphones
- 2D and 3D Noise Reduction
- 5-Year Warranty



PTZOPTICS WEBCAM 80

PROFESSIONAL-GRADE CONTROL IN A WEBCAM

The Webcam-80 is designed for video production and live streaming. Our Full-HD webcam comes with professional-grade video control options for white balance, contrast, shutter speed, iris and more, all in one compact unit.

HUD-PT-WEBCAM-80-V2 KEY FEATURES

- 1920x1080p @ 30fps
- 80° FoV
- ePTZ Control
- Available in Black
- Universal Compatibility
- Control White Balance, Contrast, Shutter Speed, Iris and More
- Clip to Displays or Tripod-Mount
- Includes Lens Cover
- USB 2.0 Powered
- Built-in Beamforming Microphones
- 2D and 3D Noise Reduction
- 5-Year Warranty



BOX CAMERA.



PTZOPTICS STUDIO PRO COMPLETE CONTENT CREATION SOLUTION

A camera geared to fit the needs of any content creator, from novice to expert, the Studio Pro is an all-in-one content and livestreaming solution. Featuring 12X optical zoom, 16X digital zoom, 72.5° FoV, a portrait and landscape toggle switch, the Studio Pro empowers users to connect with their audiences however they watch.

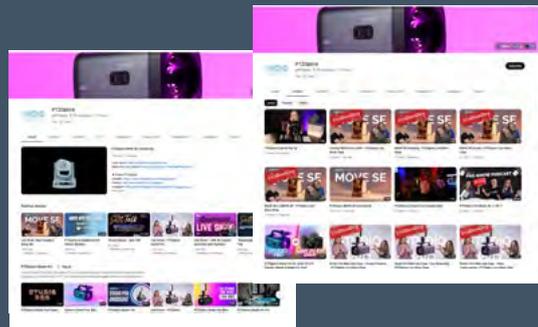
HUD-PT-STUDIOPRO KEY FEATURES

- 1080p at 60fps
- 12X Optical/16X Digital Zoom
- 72.5° FoV
- 1/2.8" 2.07 Megapixel CMOS Sensor
- LED Panel Light Included
- NDI®IHX, RTSP, RTMP, RTMPS, RTP, SRT
- NDI®IHX, RS485, VISCA, Pelco-D/P
- Simultaneous HDMI, USB, and IP Output
- IR Remote Included
- Standard PoE, USB, or 12VDC
- Build-in Mic Array and Audio Line In, 3.5mm
- 5-Year Warranty



Leading the Way in Industry Education

With over 80,000 subscribers to the PTZOptics and StreamGeeks YouTube channels, PTZOptics are leading the industry in education and have become trusted authorities in live streaming and video broadcast. The library of over 1500 educational videos covers a wide range of topics, from industry-specific guides and hints to step-by-step setup and configuration tutorials, and insightful product overviews.



SCAN THE QR CODE
TO SUBSCRIBE TO
PTZOPTICS CHANNEL

ACCESSORIES.

SMALL UNIVERSAL WALL MOUNT

HUD-SWM (BLACK) AND HUD-SWM-WHT (WHITE)

The 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

LARGE UNIVERSAL WALL MOUNT

HUD-HC-WM (BLACK) AND HUD-HC-WHT (WHITE)

The 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

UNIVERSAL CEILING MOUNT BRACKET

HUD-PT-CM-1-BK (BLACK) AND HUD-PT-CM-1-WH (WHITE)

The Universal Ceiling Mount is a secure metal bracket designed to support most small or large based PTZ cameras and securely mount them to any surface with the supplied hardware. Compatible with PTZ Optics cameras, as well as many SONY, Panasonic, Cisco, Polycom, Vaddio, HuddleCamHD, Lumens, and DataVideo cameras.

KEY FEATURES

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



JOYSTICK CONTROLLERS.

PTZOPTICS PT JOY JOYSTICK CONTROLLER HUD-PT-JOY-G4 FOR IP OR SERIAL CONTROL

Compatible with most PTZ cameras operating serial or IP protocol, it's an easy-to-use controller designed to integrate into a wide array of existing production systems, and allows users to switch between protocols with the touch of a button. With a large LCD screen and a wide range of knobs for fine tuning, a single camera operator can easily operate cameras, access cameras, recall preset locations, control white balance, and more.

KEY FEATURES

- IP or Serial Control
- RJ45, RS232, RS485, RS422
- VISCA (Sony and PTZOptics/Raw), PELCO-D/P
- Basic/Matrix Mode
- 3 Axis Joystick
- 9 Camera Quick Presets
- 6 Camera Quick Select Buttons
- PoE or 12VDC
- OSD Control
- Solid Metal Construction
- 2-year warranty



PTZOPTICS SUPERJOY CAMERA JOYSTICK CONTROLLER HUD-PT-SUPERJOY-G1 IP & SERIAL PTZ CAMERA JOYSTICK CONTROLLER

The SuperJoy is an award-winning PTZ camera joystick controller designed for smooth, efficient production workflows. The SuperJoy takes remote pan, tilt, and zoom camera operations to the next level in a simplified user interface with advanced controls for power users. Featuring simultaneous pan, tilt and zoom control across IP, NDI® and serial cameras, the SuperJoy offers an intuitive, tactile interface, simplifying and streamlining even the most complex production setups.

KEY FEATURES

- Simultaneous IP and Serial Control
- RJ45, RS232, RS485
- NDI® VISCA (Sony and PTZOptics/Raw), PELCO-D/P
- Basic/Matrix Mode
- 3 Axis Joystick
- 9 Camera Quick Presets
- 6 Camera Hot Select Buttons and Camera Grouping
- PoE or 12VDC
- OSD Control
- Rubber Buttons, Solid Metal Construction
- 2-year warranty



PTZOPTICS CAMERA MANAGEMENT PLATFORM

CONTROL YOUR PTZOPTICS CAMERAS THROUGH ONE CONVENIENT DESKTOP APPLICATION



SCAN THE QR CODE TO DOWNLOAD THE SOFTWARE.



EASILY MANAGE YOUR PTZOPTICS CAMERAS ON YOUR NETWORK



IN-APP DOCUMENTATION AND GUIDES



ADVANCED COLOUR CORRECTION TOOLS



NEW PTZ CAMERA CONTROL OPTIONS



ADDS AUTO-TRACKING CAPABILITIES FOR ANY G2 POE PTZOPTICS CAMERA



USE WITH OBS, VMIX, AND OTHER VIDEO PRODUCTION SOFTWARE

MULTIPLE CAMERAS, ONE SIMPLE SOLUTION

No matter the size of your camera deployment, the new Camera Management Platform allows users to manage multiple cameras at once. Connect as many cameras as needed to the application and view up to four simultaneously for seamless control of your video delivery system.

AUTO-TRACKING FOR ANY CAMERA

Turn any G2 PoE PTZOptics camera into an auto-tracking camera with the click of a button. No reference camera needed – just turn the camera on and it will begin tracking using pose detection AI. Or, use the platform's drag and drop interface to easily define and adjust tracking zones. This is the perfect solution for users new to auto-tracking who may not be ready to purchase a dedicated auto-tracking camera.

UNIVERSAL COMPATIBILITY

The Camera Management Platform is compatible with any desktop operating system – Windows, macOS, and Linux – and fits easily into any workflow. The platform includes the most commonly used features of other PTZ camera applications and puts them at the tip of your fingers, providing a more intuitive control experience. From colour balancing to setting presets, this platform can do just about everything you need for lecture capture, live streaming, and more.

PTZCONTROL PRO 2

The PTZControl Pro 2 offers an all-in-one solution for managing PTZOptics cameras from an iOS device.

- Stream with ease
- Pan, tilt, zoom, focus & more
- Preset and voice control
- Image adjustment tools
- Camera manual access



PTZOPTICS HIVE

CONNECT. CONTROL. CREATE.

PTZOptics Hive revolutionises video production by merging professional-grade camera control with real-time switching and recording. This unified platform allows for seamless connection, control, and creation from anywhere.

FEATURES AND BENEFITS

- Global Connectivity
- Effortless Setup
- Cinematic Camera Control
- Advanced Camera Abilities
- Easily Fine-Tune Settings
- Proactive Alerts and Monitoring



DISCOVER THE FUTURE OF CAMERA CONTROL



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beyond connected