

Fixed Recorder



Interview
recording



Children or vulnerable
witness interviews



Video conference
recording



AES256
Encryption

A part of the toolset in ethical investigative interviewing.

Achieving best evidence while still being fully focused on the interview does not need to be a tradeoff. With the Davidhorn Fixed Recorder police officers get an access to a flexible PACE compliant interview recorder for custody, voluntary attendance, achieving best evidence interview rooms.

The Davidhorn Fixed Recorder is a proven, easy to operate and robust interview recording solution designed for a long service-life. It integrates seamlessly with Davidhorn Ark ensuring for an integrated investigating team able to monitor the interview live being able to act on discovered information without delay.

- All-in-one design
- 3 ch. video recording (up to 1080P)
- Integrated screen
- Evidence protection Digital
- Authenticity verification (SHA256)
- Network upload
- Integrated battery backup to prevent data corruption/loss
- User friendly
- Integrated DVD writer (optional)

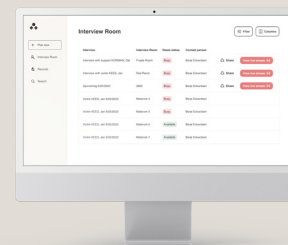
Accessories

Robust protective cover available for use in hostile environments.



Compatible with:

Our Fixed Recorder integrates seamlessly with Ark Management, where you can manage all of your interviews



General

Screen	15" Touch Screen	Set up monitor with status information including audio level indicators and memory usage etc.
Power	12V DC Input (Standard)	
GPIO	8 Pin	External triggers and indicators can be connected.
LED	2 x LED Record and Monitoring Indicator	Visual indicator when in record and a second to show when being monitored.
Audit	Read-only access full audit trail.	
Dimensions	360 x 302 x 58mm (approx.)	
Legislation	CE and RoHS compliant	

Camera

Input	1x Digital (internal)	Allows recording of up to 3 video streams. E.g. Overview, suspect view and if required. Interpreter. Or with optional hardware modification and converter can be configured to capture computer screen for evidence playback, remote legal aid or video ID parade.
	2x BNC AHD Camera input	

Video

Compression	H.265 High efficiency video coding (multiple rates)	
Storage	Internal = 64GB eMMC Flash Memory External = MicroSD/USB	Records master copy internally for upload and offers options for removable copy.

Audio

Mode	Video Mode = AAC Audio Only Mode = MP3	Non-proprietary formats for integration to third party solutions.
Microphone	2 x Internal and 1 x 6 pin Hirose connector for external stereo microphone	2 internal microphones offer backup if external microphone is not used or fails.

Network

Security	AES256 Encryption	Protects data on device while outside of a secure environment.
Integrity	SHA256# Digital Signature	Provides chain of evidence from point of capture through to presentation in court.
Wi-Fi	150Mbps 802.11b,g,n	Can be enabled or disabled. If enabled can offer remote upload and/or APP interface for meta data entry, remote streaming and remote control.
RJ45	High Speed 10/100 Ethernet	Offers upload of files, live streaming and remote setup/diagnostics.
USB	USB 2.0	Offers interface for USB backup or DVD Backup

AHD Dome Camera



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Police
investigation

About

This analogue high definition dome camera is particularly suitable for interview room overview applications.

It offers quality and reliability at a competitive price and has many impressive features including Full HD 1080P using the 1/2.8" Sony STARVIS CMOS image sensor.

Item	MS-HDT/CAM
Lens Focal length	Manual 2.8–12mm Varifocal
Image Sensor	1/2.8" Sony STARVIS CMOS Image Sensor
Video Output	AHD/TVI/CVI/CVBS
Effective Pixels	1920(H) x 1080(V) approx. 2.1M pixels
S/N Ratio	Max 50dB
Min. Illumination	0.001Lux [Color]
Signal system	PAL
Frame rate	25fps(PAL)
AGC	1–15
IR	N/A
Power Supply	DC12V (Wide voltage 9V–18V)
Power Consumption	0.92W(76mA)
Operating Temp.	–10°C ~ +50°C
Storage Temp.	–20°C ~ +70°C
Operating Humidity	85% RH max.
Dimension	Ø112mm X 90(H)mm

Mini PTZ Dome Cam



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About

This analogue high definition PTZ camera is particularly suitable for interview room applications.

It offers quality and reliability at a competitive price and has many impressive features including 18 x Optical Zoom.

- 1/2.8" CMOS Sensor
- 2MP (1920 x 1080P @ 25pps)
- AHD/TVI/CVI/CVBS Output
- RS485/Coax Telemetry Control
- 18 x Optical Zoom
- 360 degree continuous pan
- 255 Presets
- True Day/Night IR Cut

Item	DHC-MX18
Image Sensor	1/2.8" Progressive Scan CMOS
Resolution	1920 x 1080P @ 25pps
Lens Type	4.7~84.6mm 18x Optical Zoom
Aperture range	F1.6 ~F2.7
Viewing angles	Horizontal: WIDE 54.8° – TELE 3.4° Vertical: WIDE 41.0° – TELE 2.5°
Sensitivity	Colour: 0.05 Lux @ F2.0 B/W: 0.005 Lux @ F2.0 0 Lux with IR
ICR	Mechanical IR Cut Filter
Exposure Features	Auto, 2 D DNR, AWB, BLC On/Off, AGC Auto / Manual
Focus Modes	Auto / Manual
IR LED's	6pcs High Intensity IR's
IR Range	120m Max (scene dependant)
Pan Range	360° Continuous Pan @ 200 °/s
Pan / Preset Speed	1.0° ~ 100°/s with Proportional Zoom
Tilt Range	0° ~ 90° tilt @ 17°/s with Auto-flip
Presents	255, Accuracy ±0.1°
Telemetry	Rs485 / PELCO D
Alarm I/O	No
Power Supply	12VDC/4A (Supplied)
Temperature Range	-20° ~ +60°C
Humidity	0° ~ 90% RH (Non-condensing)
Environment Protection	IE66 Rated, 3000V Transient Protection, Surge Protection
Dimd (inc Bracket)	251mm (H) x 136mm (W) x 208mm (D)
Weight	4 kg

Accessories: Joystick Controller



Item	Joystick Controller
Dimensions:	W170 x D145 x H65mm
Height including joystick	100mm
Weight	Approx 500gms
Protocol	Pelco D, RS485 9600 Baud 8 bit, No parity, 1 stop
Options Available	Visca RS232
Supply	12vDC ±3v <200mA

Microphones PPS/PPM



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About

This omni-directional boundary layer microphone has been specifically designed for police interview room applications.

The unit is designed for wall mounting on a single gang patrisse box and fitted with a Hirose 6 pin connector.

Optional mono unit MSMIC/JACKBOX with a 1/4" jack fitting, enabling our table top trailing mic MS/MIC/JACK to provide alternative position for use during interviews.

Item	MSMIC/PPS	MSMIC/PPM
Type	Stereo boundary layer	Mono boundary layer
Directivity	Omni-directional	Omni-directional
Power	Phantom supply	Phantom supply
Typical range	>10 metres	>10 metres
S/N ratio	60dB	60dB
Sensitivity reduction	-3dB	-3dB
Input impedance	3.0kW	3.0kW
Output impedance	600W	600W
Frequency range	20Hz to 20,000Hz	20Hz to 20,000Hz
Distortion	0.009% at 1kHz (max)	0.009% at 1kHz (max)
Max output level	+26dBu	+26dBu
Common mode rejection	> -100dB at 10kHz	> -100dB at 10kHz
Current consumption	0.5mA	0.5mA
Material	Acrylic capped ABS	Acrylic capped ABS

Security Cover



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About

Robust protective security cover
for Davidhorn Fixed Recorder
for use in hostile environments.
Manufactured in black powder
coated steel.

Item	MS-HDT2 Cover
Dimension	31 x 34 x 15,5 cm
Material	Steel