



- High performance full HD Camera
- 1080 p from sensor to display
- For difficult light conditions
- RF-immunity 200 V/m up to 40 GHz
- CISPR 25 Class 5, -20 dB up to 18 GHz
- Integrated microphone

HD VIDEO EMC HARDENED ADVANCED CAMERA

The HDCam75 camera is EMC-shielded to resist field strengths of up to 200 V/m with a resolution of 2 Megapixel. It offers excellent image quality and is ideal for applications where the HD (1080p) resolution – such as monitoring HD displays – is required or situations where high-definition zoom is essential. Video signals are transmitted uncompressed in HD-SDI (HD-CCTV) format to the controller.

Additional features like manual iris control make the camera particularly suitable for challenging lighting conditions, for example when viewing bright displays.

The camera can be operated remotely by the PONTIS EMC HD camera controllers. Additionally, the HDCam75 has a built-in microphone. The audio signal is transmitted with video signal and can be replayed via an HDMI interface.

FEATURES:

- Full HD: 1080 p from sensor to display
- 30 times optical zoom
- Automatic / manual focus
- Iris control (manually, for difficult light conditions)
- Image stabilizer / wide dynamic range / long time exposure
- Integrated microphone for audio surveillance and intercom
- Compact housing (80 x 80 x 120 mm)
- EMC compliant to CISPR 25 Class 5, -20 dB
- RF-immunity 200 V/m up to 40 GHz

ACCESSORIES:

required:

- Power supply: PSMxx, optional battery PSBxx
- Controller (zoom, focus, P/T): HDCONxxx
- Fibre optic cables: variable lengths ST/FSMA-connector
- Monitor: HDMI, DVI

optional:

- Remotely controlled Pan/Tilt
- Tripods and wall mounts
- External DVR device
- Remote access via external LAN
- Controller with integrated LAN-Pecos_DVR for customized event detection and recording

HDCam75

TECHNICAL DATA

Video signal system	HD-SDI, 3G-SDI
Image device	1/2.8" CMOS
Resolution	3.27 Megapixel (1,920 x 1,080 Full HD)
Minimum illumination	0.09 Lux
Zoom	30 x optical (motorized), 12 x digital
Focal length	4.3 – 138.0 mm (motorized)
Angle of View (horizontal)	64.0 ° (WIDE) to 2.4 ° (TELE)
Iris	automatic / manual (32 steps)
Min. object distance	10 mm (wide end) to 1,200 mm (tele end)
White balance	automatic
Special	Compact camera module
Microphone	integrated in front panel, transmission via HD-SDI
Control link	860 nm infrared LED
Video link	digital, 1310 nm laser
Glass fibre	50/125 µm glass fibre, ST conn.
Operating temperature/humidity	0 ° to +50 °C / 20 to 80 % RH
Housing	passivated aluminium (6 mm)
Colour	light grey (RAL 7035) / petrol
External dimensions	155 mm x 80 mm x 80 mm (L x W x H)
Weight	950 g
Immunity	200 V/m up to 40 GHz (HIRF 3000 V/m up to 40 GHz)
Compliance	CISPR 25 Class 5, -20 dB, ISO 11452

Prices and specifications are subject to change without notice!

PONTIS
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A BRAND OF AUDIOVO

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