HDCam75

PONTIS
EMC PRODUCTS

- 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 shielded up to 200 V/m at a resolution of 2 Megapixel. It offers the best resolution available and is especially suited where the HD resolution (1080p) is needed (e.g. for monitoring HD displays) or an extreme Zoom is needed. The combination of 40 times optical and 32 times digital zoom gives a zoom range of 360. The video signal is transferred uncompressed in HD-SDI (HD-CCTV) format to the controller. Features like e.g. manual iris control make it especially suitable for difficult light conditions like e.g. viewing displays.

The camera can be operated remotely by the PONTIS EMC HD camera controllers.

FEATURES:

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

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
Image device	1/2.8" CMOS
Resolution	2.1 Megapixel (1,920 x 1,080 Full HD)
Minimum illumination	0.01 Lux
Zoom	40 x optical (motorized), 32 x digital
Focal length	4.25 – 170.0 mm (motorized)
Angle of View (horizontal)	59,5 ° (WIDE), 2.1 (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	80 mm x 80 mm x 120 mm (H x W x L)
Weight	795 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 EMC PRODUCTS
A BRAND OF AUDIVO

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