



- For regular demands in HD
- 1080 p from sensor to display
- Economic HD solution

HIGH RESOLUTION EMC HARDENED COLOUR CAMERA

The HDCam6ECP camera is EMC-shielded to resist field strengths of up to 200 V/m with a resolution of 2 Megapixels. It offers excellent image quality and is especially ideal for applications where HD (1080p) resolution – such as monitoring HD displays – is required or situations where an extreme zoom is necessary (30 times optical zoom).

The camera includes wide dynamic range (WDR) and digital noise reduction (DNR), which eliminates noise and thus generates a distinct and clear image. Video signals are transmitted uncompressed in HD-SDI (HD-CCTV) format to the controller. Therefore it is ideal for processes such as automatic change or error detection during immunity testing. PONTIS offers a special software for automated surveillance.

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

FEATURES:

- Full HD: 1080 p from sensor to display, no video compression
- 30 times optical zoom
- Automatic / manual focus
- Iris control (manually, for difficult light conditions)
- Compact housing (80 x 80 x 120 mm)
- EMC compliant to CISPR 25 Class 5
- RF-immunity 200 V/m up to 18 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

TECHNICAL DATA

Video signal system	HD-SDI, 3G-SDI
Image device	1/2.8" Sony CMOS Sensor
Resolution	2.1 Megapixel (1,920 x 1,080 Full HD)
Minimum illumination	0.05 Lux @30fps
Lens	1/2.8"
Zoom	30 x optical (motorized) 4.6 mm ~ 136.0 mm
Angle of View (horizontal)	Horizontal Wide: 73.3 ° (+/- 5 %), Tele 2.6 ° (+/- 5 %)
Iris	automatic / manual
Min. object distance	50 cm (@WIDE zoom, up to 10 m @max. TELE)
White balance	automatic
Special	Compact camera module
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	chromated 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	approx. 900 g
Immunity	200 V/m up to 18 GHz
Compliance	CISPR 25 Class 5, ISO 11452
Pan / Tilt	external, option; H ± 170 °, v: 135 °

Prices and specifications are subject to change without notice!

PONTIS
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A BRAND OF AUDIOVO

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