



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

HIGH RESOLUTION EMC HARDENED COLOUR CAMERA

The HDCam6ECP 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 (30 times optical zoom).

The camera includes wide dynamic range (WDR) and digital noise reduction (DNR), that eliminates noise and thus is generating a distinct and clear image. The video signal is transferred uncompressed in HD-SDI (HD-CCTV) format to the controller. Thus it is ideal for optical post processing e.g for 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:

- RF-immunity 200 V/m up to 18 GHz
- EMC compliant to CISPR 25 Class 5
- Automatic / manual focus
- Iris control (manually, for difficult light conditions)
- 30 times optical zoom
- Compact housing (108 x 80 x 158 mm)
- 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

TECHNICAL DATA

| | |
|--------------------------------|--|
| Video signal system | HD-SDI |
| Image device | 1/3" Super HD, CCD |
| Resolution | 2.1 Megapixel (1,920 x 1,080 Full HD) |
| Minimum illumination | 1 Lux |
| Lens | 1/3" |
| Zoom | 30 x optical (motorized) |
| Focus | 4.3 – 129.0 mm (motorized) |
| Angle of View (horizontal) | (horizontal) 71.3° (WIDE), 2.58 (TELE) |
| Iris | automatic / manual |
| Min. object distance | 32 cm (WIDE) |
| 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 | 120 mm x 80 mm x 80 mm x (H x W x L) |
| Weight | 795 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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