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- For regular demands in HD
  - 1080 p from sensor to display
  - Economic HD solution
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## High Resolution EMC Hardened Colour Camera

The HDCam6E 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	108 mm x 80 mm x 158 mm x (H x W x L)
Weight	1,450 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**  
EMC PRODUCTS  
A BRAND OF AUDIOVO

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