



- Compact small size
- GTEM, precompliance
- In vehicle
- Stand alone economic solution
- -10 dB

High Resolution EMC Hardened Colour Camera

The HDCam5 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 (10 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:

- 1080 p
- RF-immunity 200 V/m up to 18 GHz, 600 V/m stripline
- EMC compliant to CISPR 25 Class 5, -10 dB
- Automatic / manual focus
- Compact housing (60 x 88 x 90 mm)
- 12 times optical zoom
- Iris control (manually, for different light conditions)
- Image stabilizer / wide dynamic range / long time exposure

Accessories:

required:

- Power supply: PSMxx, optional battery PSBxx
- Controller (zoom, focus, P/T): CONxx or USB framegrabber and FBAS converter
- Fibre optic cables: variable lengths ST/FSMA-connector
- Monitor: CRT and LCD in different sizes

optional:

- Remotely controlled Pan/Tilt
- Tripods and wall mounts
- External DVR device
- Remote access via external LAN

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	0.5 Lux
Zoom	10 x optical (motorized)
Focus	6.1 – 51 (motorized)
Angle of view (horizontal)	54° (WIDE), 4.9 (TELE)
Iris	automatic
Min. object distance	10 cm (WIDE)
White balance	automatic
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 °C to +50 °C / 20 to 80 % RH
Housing	chromated aluminium (6 mm)
Colour	light grey (RAL 7035), petrol
Dimensions	88 mm x 60 mm x 98 mm (H x W x L)
Weight	750 g
Immunity	200 V/m up to 18 GHz
Compliance	CISPR 25 Class 5, ISO 11452
Pan / Tilt PT51	external, option; H: ± 170°, v: 135°

Prices and specifications are subject to change without notice!

PONTIS
EMC PRODUCTS
A BRAND OF AUDIOVO

PONTIS EMC Products designed and manufactured by:

Audiovo GmbH
Irrenloher Damm 30
92521 Schwarzenfeld
Germany

Phone +49(9435) 54 19-0
Fax +49(9435) 54 19-19
info@audiovo.com
www.audiovo.com

You can contact directly our local partners for sales and technical support



www.hvtechnologies.com



www.toyo.co.jp



zongkui.shao@pontis-emc.com