



- HIRF:
 - up to 3000 V/m
 - up to 18 GHz
- Full HD camera
- For difficult light conditions
- 1080 p from sensor to display

HIRF HARDENED COLOUR CAMERA

HDCam75-HIRF has been designed to meet the requirements of High Intensity Radiated Field (HIRF) according to RTCA-DO-160, G and Q. Our latest version of this model now operates in field strengths of up to 3000 v/m (PM) and up to 18 GHz. Its compact size and excellent video performance make it the right choice for any area of application where a remotely controlled camera with high optical resolution and a wide zoom range is needed. Automatic focus and white balance help to capture a clear view at any situation.

The camera can be operated by PONTIS EMC controllers.

FEATURES:

- Full HD: 1080 p from sensor to display
- 30 times optical zoom
- Automatic / manual focus
- Image stabilizer / wide dynamic range / long time exposure
- Iris control (manually, for different light conditions)
- EMC compliant to CISPR 25 Class 5
- RTCA-DO-160 G – up to 3000 V/m
- RTCA-DO-160 Q – 1000 V/m to 18 GHz)

ACCESSORIES:

required:

- Power supply: PSMxx, optional battery PSBxx
- Controller (zoom, focus, P/T): CONxx
- 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
- Controller with integrated LAN-Pecos_DVR for customized event detection and recording

HDCam75-HIRF

TECHNICAL DATA

Video signal system	HD-SDI, 3G-SDI
Image device	1/2.8" CMOS
Resolution	3.27 Megapixel (1,920 x 1,080 Full HD)
Minimum illumination	0.5 Lux
Lens	1/3"
Zoom	30 x optical (motorized), 12 x digital
Focus	4.3 – 138.0 mm (motorized)
Angle of View (horizontal)	approx. 64.0 ° to 2.4 °
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	155 mm x 80 mm x 80 mm (L x W x H)
Weight	approx 1 kg
Immunity	RTCA-DO-160 G - up to 3000 V/m RTCA-DO-160 Q - 1000 V/m to 18 GHz
Compliance	CISPR 25 Class 5
Pan / Tilt PT61	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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