

iCAM100 Compact Fixed Focus CCTV Camera



- ATEX Zone 1, 2, 21, & 22 certified
- Fixed position surveillance camera
- Highly rugged for use in industrial environments
- Very compact for locations where space is at a premium

CCTV monitoring

The iCAM100 is a perfect choice for use as part of a CCTV system, or for single point monitoring of a process operation with a local hazardous area video monitor like the Extronics iVID100.

Designed for harsh environments

316L stainless steel and GRP construction with IP65 ingress protection makes the iCAM100 suitable for use in harsh industrial environments.

Quality video

The iCAM100 uses a high specification colour CCD sensor that operates down to 0.5Lux and gives 380 lines out in PAL format.

Easy installation

The simple design allows for easy installation including the option for mounting directly onto your own equipment or onto the optional wall mounting bracket. Connection to the video monitor or CCTV system is quite simple using either 75 ohm coax or 150 ohm twisted pair differential signal cable outputs.



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Specification

Certification	Ex II 2 GD EEx de IIC T6
Ingress protection	IP65
Material	Camera: 316L stainless steel Junction box: GRP
Dimensions	Camera: diameter 50 x length 70 mm Junction box: 80 x 60 x 75 mm
Weight	650g
Ambient temperature	-20°C to +50°C
Power supply	19 to 32 Vdc 1.2 W, reverse polarity protected. 36 V over voltage protection
Electrical connection	Screw terminals for cables up to 2.5mm
Outputs	PAL composite video
Entries	One or two M20 for suitable Ex e glands
Mounting	Universal wall mounting bracket with 360 degree horizontal pan and 70 degree vertical tilt
Field of view	Range 19 to 92 Degrees. See ordering information for further details
Light sensitivity	0.5 Lux @ F2 5600K
Resolution	Picture Element (Pixels) N:290K P:320K, Horizontal res 380 lines

Ordering Information: iCAM100-[#1] -X -P -[#2]

Specify option [#1] – field of view

Order code

Angle of view	Fixed focal length	Maximum recognition distance	Best picture distance	
28°	12 mm	16 m	6 m	28
40°	8 mm	12 m	4 m	40
53°	6 mm	8 m	2.3 m	53
80°	4 mm	6 m	2 m	80
92°	3.6 mm	4 m	1.8 m	92

Specify option [#2] – cable entries

One M20 EEx de Cable Gland, Cable O/D range 3mm - 8mm (other sizes upon request)	1
Two M20 EEx de Cable Gland, Cable O/D range 3mm - 8mm (other sizes upon request)	2

Accessories:

Wall mounting bracket with manual pan and tilt (includes threaded M20 cable gland)	ICAM100-WB2
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