

DF3000IP-DN



Colour IP camera (Day/Night)

- High-resolution Ultra Wide Dynamic Range colour IP camera with Cam_inPIX® technology
- Equipped with aspheric CS variofocal lens 2.9-8mm, F 0.95 DN
- 1/3" CMOS picture sensor
- Dynamic range up to 120 dB
- Noise ratio >48 dB
- Progressive Scan
- Horizontal resolution: 540 TV lines; 720 x 540 pixels
- Transfer rate: Analogue 50fps (PAL); 60fps (NTSC) // Digital Stream 25fps (PAL); 30fps (NTSC)
- Video signal: MPEG-2/-4, MJPEG, H.263
- Black-and-white mode: on/off
- IP Board: Dual MIPS risk processor
- Integrated web server, integrated interface for application programs
- Power supply: 12V DC, 24V AC at 50/60 Hz (PoE optional), 450mA
- Additional CVBS-output for installation via 2.5mm power jack
- 1x 10/100 Base T RJ45; 1x S485; 1x Audio-IN 3.5mm phone jack
- Weight: app. 260 g/9.2 oz (without lens)
- Housing dimensions (WxHxL): 45x45x112mm (without lens)

Options

- Integrated picture/video storage with capacities from 128 MB up to 1 GB
- Adapter cable power jack 2.5 mm on BNC
- Variofocal lens 15-50mm, F 1.5 DN
- Audio

Item number

- 200.402

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Specifications

Sensor	1/3" sensor CMOS
Dynamic range (max.)	120 dB max.
Horizontal resolution (TV lines)	540 TV lines
Picture size (horizontal x vertical)	720 x 540 pixel
Transfer rate	Analogue 50 fps (PAL); 60 fps (NTSC) // Digital stream 25 fps (PAL); 30 fps (NTSC)
Light sensitivity	< 0.5 Lux (1:0,95; 50 IRE)
Slow shutter	Up to 8x
Signal to noise ratio	> 48 dB
Video standard	PAL/NTSC
Signal formats (video)	MPEG-2/-4, MJPEG, H.263
Resolution	D1, 4 CIF, 2 CIF, CIF, QCIF
Signal formats (audio)	MP3, PCM/LPCM, MPEG-1 Layer 2
Synchronisation	Internal (PAL/NTSC)
Adjustable white balance	ATW, AWB, manual (2000K - 11000K)
Backlighting compensation	Yes, with backlight zone
AGC	Yes, brightness-offset and amplification limit selectable
Gamma correction	Yes
Progressive Scan	Yes
B/W and colour mode	Yes
Day/Night functionality	Yes, infrared sensitivity in night mode
Configuration	Web-Browser
IP-Board	Dual MIPS risk processor, 64 MB DRAM
Web server	Yes
Languages	German, English, French, Spanish, Hungarian

Lenses

Mount	CS mount, C mount with 5mm adapter
Lenses	Day/Night lens, Manual and DC Auto Iris lenses

Options

Image & Clip Storage	Optional
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Interfaces

API/SDK	Yes
Application Program Interface	Yes
LAN	Yes
Serial	RS485 in/out
Video output	BNC, CVBS (75 ohm): PAL, NTSC

Other hardware details

Power supply (incl. permitted tolerance)	12V DC, 24V AC (50/60 Hz) or PoE
Power consumption	< 5 Watt
Dimensions	W 45 x H 45 x L 112 mm (without lens)
Temperature	0 °C - 50 °C
Relative humidity	0 - 90 % not condensing
Weight	Appr. 9.2 oz / 260 g
Warranty	36 months