

## DF3000IP(-DN)



### Colour IP camera (Day/Night)

#### Features

- HiRes UWDR colour IP box camera
- Equipped with aspheric CS varifocal lens 2.8-8mm, F 0.95 DN
- 1/3" sensor DPS powered by Cam\_inPIX®
- 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
- Black-and-white mode: on/off
- Integrated web server, integrated interface for application programs
- Power supply: 12V DC, 24V AC at 50/60 Hz (PoE optional)
- 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)

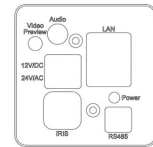
#### Options

- Varifocal lens 2.9-8mm, Day/Night\*
- Vario focal lens 15-50mm, Day/Night\*
- Integrated picture/video storage with capacities from 128 MB - 1 GB
- Adapter cable power jack 2.5 mm on BNC
- Varifocal lens 15-50mm, F 1.5 DN
- Audio

\*) The use of day/night lenses is recommended for IR lighting.

#### 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 (0.1 lux in Slow Shutter mode) with F0.95; 50 IRE (-DN): 0.2 lux (0.04 lux in Slow Shutter mode) with F0.95; 50 IRE
Slow shutter	Up to 8x
Signal to noise ratio	> 48 dB
Video standard	PAL/NTSC
Signal formats (video)	MPEG-2/-4, MJPEG
Resolution	D1, 4 CIF, 2 CIF, CIF, QCIF
Signal formats (audio)	MPEG-1 Layer 2; MP3 (coming soon); G.722 (coming soon)
Synchronisation	Internal (PAL/NTSC)
Adjustable white balance	ATW, AWB, manual (2000K - 11000K)
Backlighting compensation	Yes, with backlight zone
AGC	Yes
Gamma correction	Yes
Progressive Scan	Yes
Presets	Universal, Details 1, Details 2, Indoor/Shadow, Indoor, Fluorescent, Low Light
B/W and colour mode	Yes
Day/Night functionality	Yes, infrared sensitivity in night mode
Configuration	Web-Browser
Web server	Yes
Languages	German, English, French, Spanish, Hungarian

### Lenses

Mount	CS mount, C mount with 5mm adapter
Lenses	Variofocal lens F0.95; 2.8 - 8 mm

### 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	2.5 mm phone jack, CVBS (75 ohm): PAL, NTSC
Audio input	Impedance: 9.8 kOhm; Sensitivity (6 dB): 1 Vrms / 2.83 Vpp

### Other hardware details

Power supply (incl. permitted tolerance)	12V DC, 24V AC (50/60 Hz) or PoE
Power consumption	5.4 W
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