DF3000IP(-DN)

Colour IP camera (Day/Night)

- The DF3000IP(-DN) is a HiRes UWDR Cam_inPIX® colour IP box camera

    Features:
- 1/3" DPS sensor with Cam_inPIX® technology
- Digital Pixel System* chipset
- Pure 17-bit Digital Signal Processing
- High sensitivity for low-light image at F0.95, 50IRE: 0.5 lux and (-DN) 0.2 lux
- Progressive Scan image capture and data transmission
- ICR function for Day/Night switching
- Advanced noise reduction
- Enhanced image quality by means of numerous control functions like AWB, AGC, BLC and extended slow shutter
- Motion Detection
- Hybrid IP camera with analogue preview output
- Video compression with MPEG-2/-4 or MJPEG
- Maximal resolution up to Full D1
- Selectable frame rate up to 25 fps at Full D1
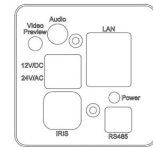- Standard version delivered without lens

Options:
- HiRes vari focal lens with F0.95/2.8-8mm1)
- HiRes vari focal lens F0.95/2.9-8mm, IR corrected -Day/Night1)
- HiRes vari focal lens F1.5/15-50mm, IR corrected -Day/Night1)
- Universal power pack, 110V-240V on 12V DC
- Universal power pack, 110V-240V on 24V AC
- CasinoCam® software module

    1)The use of IR corrected lenses is recommended for IR lighting.

Item number
- 200.402

Dallmeier

DF3000IP(-DN)

Technical specifications

Sensor	1/3" DPS sensor -CMOS-
Signal Processing	17-bit Digital Signal Processing
Dynamic range	102 dB typical - 120 dB max.
Video capture	Progressive Scan
Transfer format	Progressive Scan and PsF -Progressive With Segmented Frames
Active pixel elements	720 H x 540 V Pixel
Horizontal resolution	540 H TV-lines
B/W and colour mode	Yes, colour mode also in night mode selectable
Day/Night functionality	Yes, mechanical ICR function for Day/Night switching
Light sensitivity	at F0.95, 50IRE: 0,5 lux, (-DN) 0,2 lux
Signal to noise ratio (SNR)	> 48 dB
Brightness adjustment (ALC/AE)	Automatic/ manual
Backlight compensation	BLC, adjustable Backlight zone
AGC	Brightness and gain limit adjustable
Gamma correction	Automatic/ manunal
Adjustable white balance	ATW, AWB, MWB (2000K to 11000K)
Synchronisation	Intern; AC Line Lock
AE presets	7 Presets
Languages	English, German, French, Spanish, Hungarian
Motion detection (VMD)	Yes, with selectable sensitivity

Format

Video format	PAL/ NTSC
Video compression	MPEG-2 MP@ML; MPEG-4 ISO/IEC 14496; MJPEG
Audio compression	MPEG-1 Layer 2; MP3 (planned)
Signal (analogue)	CVBS, 75 Ohm

Encoding

Frame rate (PAL)	6,25 / 12,5 / 25 fps
Video bit rate	0.25 - 16 Mbit/s
Audio bit rate	64 - 384 kbit/s
Resolution (PAL)	QCIF; CIF; 2CIF; Half D1; 4CIF; Full D1

Interfaces

Video output (analogue)	1 x 2,5 mm phone jack
Serial	1 x RS485
Ethernet	1 x RJ45, 10/100 Mbit
Ethernet protocols	Unicast: IPv4, TCP, HTTP, IGMP, DHCP, ARP, NTP
	Multicast: UDP, RTP, RTCP
Audio input	1 x 3,5 mm phone jack

Further specifications

Power supply (incl. permitted tolerance)	12V DC, 24V AC +/-5% 50Hz/60Hz
PoE conformity	IEEE 802.3af (PoE adapter required)
Power consumption	max. 5.4 W
Dimensions	approx. W 45 x H 45 x L 113 mm (without lens)
Weight	approx. 246 g (without lens)
Temperature	-10°C to 50°C; 0°C to 35°C recommended
Approvals/Certifications	CE, FCC, UL, ACA, UVV-Kassen, CB