

DDF3000IPV(-DN)



Colour IP dome camera (Day/Night), vandal-resistant

- The DDF3000IPV(-DN) is a vandal-resistant HiRes UWDR Cam_inPIX® colour IP dome 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 images at F1.2, 50IRE: 0.8 lux and (-DN) 0.3 lux
- Progressive Scan image capture and data transmission
- Enhanced image quality by means of numerous control functions like AWB, AGC, BLC and extended slow shutter
- Motion detection
- HiRes vari focal lens with F1.2 and f=2.9-10mm, IR corrected
- 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
- PoE or 12V DC / 24V AC
- Tri-axial gimbal adjustment
- Compact vandal resistant housing with IP67

Options:

- Vari focal lens F1.2/2.9-10mm, IR corrected, Day/Night with built-in ICR function¹⁾
- Vari focal lens F1.5/9-22mm, IR corrected¹⁾
- Vari focal lens F1.5/9-22mm, IR corrected, Day/Night with built-in ICR function¹⁾
- Adapter cable phone jack 2.5mm on BNC
- Power pack universal 110-240V on 12V DC
- Voltage adapter 24V AC on 12 DC
- CasinoCam® software module, only with Day lenses

1)The use of IR corrected Day/Night lenses is recommended for IR lighting

Item number

- 200.401.10

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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 F1.2, 50IRE: 0.8 lux, (-DN) 0.3 lux |
| Signal to noise ratio (SNR) | > 48 dB |
| Digital noise reduction (DNR) | Yes, 5 steps |
| Brightness adjustment (ALC/AE) | Automatic/manual |
| Backlight compensation | BLC, adjustable Backlight zone |
| AGC | Brightness and gain limit adjustable |
| Gamma correction | Automatic/manual |
| Adjustable white balance | ATW, AWB, MWB (2000K to 11000K) |
| Synchronisation | Internal |
| AE presets | 7 Presets |
| Configuration | Web-Browser |
| Languages | English, German, French, Spanish, Hungarian |
| Motion detection (VMD) | Yes, with selectable sensitivity |

Lens specifications

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|--------------------------------|---------------------------------|
| Mount | Board lens, socket: Ø14mm |
| Iris range, focus length range | F1.2/2.9 - 10 mm |
| Iris control | DC auto iris |
| Horizontal angle of view | Wide end: 94.6°; Tele end 28.8° |
| IR filtering | Included IR Cut Filter |

Format

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|-------------------|---|
| 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) | CBVS, 75 Ohm |

Encoding

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|------------------|---|
| 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) | Cinch |
| Ethernet | 1 x RJ4 5, 10/100 Mbit |
| Ethernet protocols | IPv4, UDP, TCP, HTTP, RTP, RTCP, IGMP, DHCP, ARP, NTP |
| Audio input | 1 x 3,5 phone jack |

Further specifications

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|--|---|
| Power supply (incl. permitted tolerance) | 12 V DC, 24 V AC +/-5% 50Hz/60Hz or via PoE |
| PoE conformity | IEEE 802.3af (no PoE adapter required) |
| Power consumption | max. 6 W |
| Dimensions | approx. Ø 153 x H 131 |
| Weight | approx. 1200 g |
| Temperature | -10°C to 50°C; 0°C to 35°C recommended |
| IP rating | IP 67 |