

DDF4010HDV-DN



Available shortly!



The DDF4010HDV-DN is a vandal-resistant high-definition Cam_inPIX® colour IP network dome.

- 1/3" Full high-definition CMOS image sensor with Cam_inPIX® technology
 - Pure Digital Signal Processing
 - 10x optical zoom
 - Additional 12x digital zoom
 - ICR function for Day/Night switching
 - Integrated Dallmeier Image Optimiser for perfect image quality even under difficult lighting conditions
 - Enhanced image quality by means of numerous control functions such as AWB, AGC, BLC and slow shutter
 - Zoom lens: F1.8-F2.1/ f=5.1-51 mm
 - Auto-focus with manual correction
 - Resolution: SD, HD (720p, 1080i, 1080p), frame rate up to 50 fps ¹⁾
- 1) Depending on the resolution
- Video compression: MJPEG, H.264
 - Simultaneous tri-streaming: H.264 HD, H.264 SD, MJPEG HD and MJPEG SD respectively
 - Frame rate and bit rate of the individual streams freely selectable
 - Integrated motion detection with selectable sensitivity
 - Alarm messages via email and FTP image upload
 - PoE ready
 - Power supply: PoE or 12V DC / 24V AC
 - Tri-axial adjustment
 - Compact, vandal-resistant housing with IP67 (surface mount variant)
 - DIN EN 50130-4 compliant

Variants	
Item number	
200.407.01.101	DDF4010HDV-DN HDTV / Day-Night / white / clear bubble / in-ceiling mount variant Zoom lens F1.8-F2.1/ 5.1-51mm
200.407.01.102	DDF4010HDV-DN HDTV / Day-Night / white / clear bubble / surface mount variant Zoom lens F1.8-F2.1/ 5.1-51mm

Options	
Item number	
200.404.03.01.01	Clear bubble, for dome cameras
200.404.03.01.02	Tinted bubble, for dome cameras
100.041	Universal power pack 240V AC / 24V AC, removable adapter EU/UK/US/AUS
200.511	DPU-240W Dallmeier Power Supply Unit, 24/28V AC for the supply of up to 20x cameras

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Technical specifications

Sensor	1/3" Full High-Definition CMOS sensor
Signal processing	Digital Signal Processing
Transfer format	Progressive Scan and PsF - Progressive With Segmented Frames
Image resolution	Up to 1920 x 1080 (Full HD)
B/W and colour mode	Automatic, manual
Day/Night functionality	Mechanical ICR function for Day/Night switching
Light sensitivity	At F1.8, 30IRE: 2 lux, (-DN) 0.2 lux
Zoom	Optical: 10x, digital: 12x
Focus	Automatic, one push, manual
Slow speed	1/2 to 1/10000 s (in 21 steps)
Signal to noise ratio (SNR)	> 50 dB
Digital noise reduction (DNR)	3 steps
Brightness adjustment (ALC/AE)	Automatic, manual
Backlight compensation (BLC)	On/Off
Automatic gain control (AGC)	Automatic, manual (-3 to +18 dB in 8 steps)
Gamma correction	Automatic, manual
Adjustable white balance	AWB, MWB, One push WB, indoor, outdoor
AE presets	6 presets
Configuration	Via web browser
Languages	English, German, French, Spanish, Hungarian
Motion detection (VMD)	With selectable sensitivity
Alarm notification	Via e-mail and ftp upload

Lens specifications

Iris range/ focus length range	F1.8–F2.1/ 5.1-51 mm
Iris control	DC auto iris
Horizontal angle of view	Approx. 50° - 5.4°

Format and coding

Video compression	MJPEG, H.264
Audio compression	MPEG-1 Layer 2, G.722 (in preparation)
Frame rate	Up to 50 fps depending on the resolution
Video/audio bit rate	Up to 16 Mbps / up to 384 kbps
Resolution	SD, HD (720p, 1080i, 1080p)
Video streaming	Tri-Streaming simultaneous: H.264 HD, H.264 SD, MJPEG HD respectively MJPEG SD with freely adjustable frame rates and bit rates of the individual streams

Interfaces

Video output (analogue Preview)	1x FBAS/Cinch
Ethernet	1x RJ45, 10/100 Mbps
Ethernet protocols	Unicast: IPv4, TCP, HTTP, IGMP, DHCP, ARP, NTP, UDP Multicast: UDP, RTP, RTCP
Contact IN / relay OUT	1x IN / 3x OUT
Further interfaces	1x 3.5 phone jack (audio)

Further specifications

Video norm	HDTV
Power supply	12V DC / 24V AC +/- 10% (50/60 Hz) or via PoE class 0 device
PoE conformity	IEEE 802.3af (no PoE adapter required)
Power consumption	Max. 12 W
Dimensions	Approx. Ø 153 x H 131 mm (surface mount variant) Approx. Ø 170 x H 129 mm (in-ceiling mount variant)
Weight	Approx. 1200 g (both variants)
Operating temperature	-10°C to 50°C
Humidity -not condensing-	0% - 90%
IP rating	IP67 (in-ceiling mount variant)
Approvals/Certifications	CE, FCC, UL, ACA, CB, DIN EN 50130-4