

DDF3000A4-DN



The DDF3000A4-DN is a HiRes UWDR Cam_inPIX® colour mini dome with dual mode UTP (two-wire line/Unshielded Twisted Pair) and BNC video output and tri-axial gimbal adjustment.

The DDF3000A4-DN can be operated on 12V DC as well as on 24V AC power supply.

- Horizontal resolution: 540 TV lines
- 1/3" DPS* image sensor with Cam_inPIX® technology
- Digital Pixel System* chipset
- 17-bit Digital Signal Processing
- High light sensitivity at F1.2, 50IRE: 0.8 lux and (-DN) 0.3 lux
- Progressive Scan image capture
- Progressive With Segmented Frames (PsF) image transmission
- ICR function for Day/Night switching
- Enhanced noise suppression
- Optimisation of image quality through numerous control functions such as AWB, AGC, BLC and extended Slow Shutter
- HiRes vari-focal lens with F1.2/ f=2.9-10mm, Day/Night ¹⁾
- Configuration via UTC commands
- Video outputs: 1x UTP and 1x BNC
- Tri-axial gimbal adjustment
- Power supply: 12V DC or 24V AC
- DIN EN 50130-4 compliant

¹⁾ The use of IR corrected Day/Night lenses is recommended for IR lighting; Day lenses are only suitable for CasinoCam variants.

Variants	
Item number	
200.404.01.101	DDF3000A4-DN PAL / Day-Night / white / clear bubble / surface mount variant / suitable for IR lighting HiRes vari-focal lens F1.5/ 9-22mm
200.404.01.102	DDF3000A4-DN PAL / Day-Night / white / clear bubble / surface mount variant / suitable for IR lighting HiRes vari-focal lens F1.2/ 2.9-10mm
200.404.01.201	DDF3000A4-D CasinoCam PAL / Day / white / clear bubble / surface mount variant HiRes vari-focal lens F1.2 / 2.9-10 mm
200.404.01.202	DDF3000A4-D CasinoCam PAL / Day / white / clear bubble / surface mount variant HiRes vari-focal lens F1.5 / 9-22 mm

Options	
Item number	
200.401.10.01.01	Clear bubble, for dome cameras, surface mount variant
200.401.10.01.02	Tinted bubble, for dome cameras, surface mount variant
200.404.01.05.03	Mounting ring for surface mount variant, standard adapter ring, lateral cable routing, screw connection at distribution boxes (D=68mm and D=74mm),
200.404.01.05.11	Angular adapter for surface mount variant, 15° adapter ring, angle of view with wall/ceiling mounting of 90°, lateral cable routing, screw connection at distribution boxes (D=68mm and D=74mm),
200.401.2.09.01	Preview adapter cable, phone jack 3.5mm on BNC
200.433	Privacy Zone Box, for analogue cameras
200.440	PicoRemote, UTC Remote Box for analogue Cam_inPIX® cameras
200.515	Power Inserter, for the voltage supply of UTP ready cameras via DIS-2/M UTP modules
100.041	Universal power pack 240V AC / 24V AC, removable adapter EU/UK/US/AUS
100.042	Universal power pack 110-240V AC / 12V DC, 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
200.434.001	MicroStreamer, PAL / grey

* Digital Pixel System is a trademark or registered trademark of the company Pixim, Inc. headquartered in Mountain View, California, USA., DPS is a trademark or registered trademark of the company Pixim, Inc. headquartered in Mountain View, California, USA., Trademarks which are designated by an © are registered trademarks of Dallmeier electronic.

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	PxF -Progressive With Segmented Frames
Resolution	720 x 540 pixels
Horizontal resolution	540 TV- lines
B/W and colour mode	Colour mode also in night mode selectable
Day/Night functionality	Mechanical ICR function for Day/Night switching
Light sensitivity	At F1.2, 50IRE: 0.8 lux, (-DN) 0.3 lux
Zoom	Digital 4x
Slow Shutter	Up to 8x
Signal to noise ratio (SNR)	> 48 dB
Brightness adjustment (ALC/AE)	Automatic, manual
Backlight compensation (BLC)	Adjustable Backlight zone
Automatic gain control (AGC)	Brightness and gain limit adjustable 0-48 dB
Gamma correction	Automatic, manual
Adjustable white balance	ATW, AWB, MWB (2000 K to 11000 K)
Synchronisation	Internal
AE presets	7 presets
Configuration	Outlined OSD: remote-controlled via UTC-commands
Languages	English
Privacy zone	Via Privacy Zone Box

Lens specifications

Mount	Board lens, socket: Ø 14 mm
Iris range/ focus length range	F1.2/ 2.9-10 mm -DN-
Iris control	DC auto iris
Horizontal angle of view	Wide end: 94.6° Tele: 28.8°
IR filtering	Included IR Cut Filter
IR sensitivity	IR corrected
Further lens variants	F1.5/ 9-22 mm, IR corrected -DN- F1.2/ 2.9-10 mm -D- F1.5/ 9-22 mm, -D-
CasinoCam® camera variants	Available only with day lenses

Further specifications

Video norm	PAL / NTSC
Video outputs	1x CVBS / BNC, 1x UTP (passive output) -switchable: only one output possible at a time-
Preview output	1x 3.5 mm phone jack
Power supply	12V DC, 24V AC +/-10% (50/60 Hz)
Power consumption	Max. 2 W
Mechanical adjusting	Tri-axial gimbal adjustment
Dimensions	Approx. Ø 149 mm x H 108 mm
Weight	Approx. 476 g
Operating temperature	-10°C - 50°C
Humidity -not condensing-	10% - 90%
Approvals/Certifications	CE, FCC, UL, ACA, UVV-Kassen, CB, DIN EN 50130-4