

DDF3000AV4-DN



Available shortly!

The DDF3000AV4-DN is a vandal-resistant high-resolution UWDR Cam_inPIX® colour minidome with DualMode video UTP (two-wire line/Unshielded Twisted Pair) and BNC video output as well as tri-axial adjustment.

- 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 F0.95, 50IRE: 0.5 lux and (-DN) 0.2 lux
- Progressive Scan image capture
- Progressive With Segmented Frames (PsF) image transmission
- ICR function for Day/Night switching
- Enhanced noise suppression
- Enhanced image quality by means of numerous control functions like AWB, AGC, BLC and extended slow shutter
- HiRes vari-focal lens: F0.95/ f=2.9-8mm, IR corrected, Day/Night ¹⁾
- Configuration via UTC commands
- Video output: 1x UTP and 1x BNC
- Tri-axial adjustment
- Compact vandal-resistant housing with IP67 (surface mount variant)
- Power supply: 12V DC or 24V AC
- VdS variant available in combination with VdS variant of the DMS recorder series (VdS CertiSec Pack®)
- 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	
200.404.03.101	DDF3000AV4-DN PAL / Day-Night / white / clear bubble / surface mount variant / suitable for IR lighting HiRes vari-focal lens F0.95/ 2.9-8mm
200.404.03.102	DDF3000AV4-DN PAL / Day-Night / white / clear bubble / surface mount variant / suitable for IR lighting HiRes vari-focal lens F1.5/ 15-50mm
200.404.03.201	DDF3000AV4-D CasinoCam PAL / Day / white / clear bubble / surface mount variant HiRes vari-focal lens F0.95/ 2.8-8mm
200.404.03.202	DDF3000AV4-D CasinoCam PAL / Day / white / clear bubble / surface mount variant HiRes vari-focal lens F1.5/ 15-50mm
200.404.04.101	DDF3000AV4-DN PAL / Day-Night / white / clear bubble / in-ceiling mount variant / suitable for IR lighting HiRes vari-focal lens F0.95/ 2.9-8mm
200.404.04.102	DDF3000AV4-DN PAL / Day-Night / white / clear bubble / in-ceiling mount variant / suitable for IR lighting HiRes vari-focal lens F1.5/ 15-50mm
200.404.04.201	DDF3000AV4-D CasinoCam PAL / Day / white / clear bubble / in-ceiling mount variant HiRes vari-focal lens F0.95/ 2.8-8mm
200.404.04.202	DDF3000AV4-D CasinoCam PAL / Day / white / clear bubble / in-ceiling mount variant HiRes vari-focal lens F1.5/ 15-50mm

Options	
Item number	
200.404.03.01.01	Clear bubble, for dome cameras
200.404.03.01.02	Tinted bubble, for dome cameras
200.401.2.09.01	Preview adapter cable, phone jack 3.5mm on BNC
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

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
Active pixel elements	720 H x 540 V 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 F0.95, 50IRE: 0.5 lux, (-DN) 0.2 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	CS mount
Iris range/ focus length range	F0.95/ 2.9-8 mm, IR corrected, DN
Iris control	DC auto iris
Horizontal angle of view	Wide angle: 94° Tele end: 35°
Further lens variants	F1.5/ 15-50mm, IR corrected, DN F0.95/ 2.8-8mm, D
CasinoCam@camera variants	Only with the lenses F0.95/ 2.8-8 mm, and F1.5/ 15-50mm

Further specifications

Video norm	PAL / NTSC
Video output	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 153 mm x H 135 mm (surface mount variant) Approx. Ø 170 mm x H 129 mm (in-ceiling mount variant)
Weight	Approx. 1150 g
Operating temperature	-10°C - 50°C
Humidity -not condensing-	10% - 90%
IP rating	IP 67
Approvals/Certifications	CE, FCC, UL, ACA, UVV-Kassen, CB, DIN EN 50130-4