

DDF3000AV4-DN



Mini dome camera (Day/Night), vandal-resistant

- 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.

Features:

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

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Technical specifications

Sensor	1/3" CMOS sensor with Cam_inPIX®
Signal Processing	17-bit Digital Signal Processing
Dynamic range	102 dB typical - 120 dB max.
Image capture	Progressive
Transfer format	PsF -Progressive With Segmented Frames
Image resolution	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 (2000K to 11000K)
Synchronisation	Internal, AC Line Lock
AE presets	7 presets
Configuration	Outlined OSD: remote-controlled via UTC commands
Languages	English
Signal format (video)	CVBS, 75 Ohm
Privacy zones	Via Privacy Zone Box

Lens specifications

Mount	CS mount
Iris range/ focal 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°
IR filtering	Included IR Cut filter
Lens variants	F1.5/ 15-50 mm, IR corrected -DN- F0.95/ 2.8-8 mm -D-
CasinoCam camera variants	Only with the lenses F0.95/ 2.8-8 mm, and F1.5/ 15-50mm

Further specifications

Video norm	SDTV (PAL/NTSC)
Video outputs	1x CVBS/BNC, 1x UTP (passive output: switchable, only one output possible at a time), 1x CVBS/3.5 mm phone jack (preview)
Voltage supply	12V DC, 24V AC +/- 10% (50/60 Hz)
Power consumption	Max. 4.5 W
Mechanical adjusting	Tri-axial gimbal adjustment
Dimensions	Approx. Ø 153 x H 135 mm (surface mount variant) Approx. Ø 170 x H 129 mm (in-ceiling mount variant)
Weight	Approx. 1100 g (surface mount variant) Approx. 1200 g (in-ceiling mount variant)
Operating temperature	-10°C - 45°C, recommended 0°C - 35°C
Humidity	0% - 90% RH non-condensing
IP rating	IP67 (surface mount variant)
Approvals/certifications	CE, FCC, UL, ACA, UVV-Kassen, CB, DIN EN 50130-4