

DF3000AXS



Colour box camera (electr. Day/Night)

- The DF3000AXS is a HiRes UWDR Cam_inPIX® colour box camera

Features:

- 1/3" DPS* sensor with Cam_inPIX® technology
- Digital Pixel System* chipset
- 17-bit Digital Signal Processing
- High sensitivity at F0.95, 50IRE: 0.5 lux
- Progressive Scan image capture
- Progressive With Segmented Frames (PsF) image data transmission
- Electronic Day/Night switching 1)
- Advanced noise reduction
- Enhanced image quality by means of numerous control functions like AWB, AGC, BLC and extended slow shutter
- DC auto iris
- Configuration via UTC commands
- Practical small size
- Standard version delivered without lens

Options

- HiRes vari focal lens F0.95/2.8-8mm
- HiRes vari focal lens F0.95/2.9-8mm, IR corrected -Day/Night
- HiRes vari focal lens F1.5/15-50mm, IR corrected -Day/Night
- Universal power pack, 110V-240V on 12V DC
- MicroStreamer
- Privacy Zone Box
- PicoRemote (UTC-Remote Box)
- UTC Remote Box 4

1) The electronic Day/Night switching is not realised through a mechanically switchable IR cut filter. Therefore, there is no ICR function available and hence no IR sensitivity.

Item number

- 200.400.7

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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	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 -in night mode only B/W mode available-
Day/Night functionality	Yes, electronic switching (no mechanical ICR function available)
Light sensitivity	At F0.95, 50IRE: 0.5 lux
IR sensitivity	No
Use with IR lighting	Not adequate
Zoom	Digital 4x
Iris control	DC auto iris
Mount	CS-mount, C-mount with 5 mm adapter
Slow Shutter	Up to 8x
Signal to noise ratio (SNR)	> 48 dB
Brightness adjustment (ALC/AE)	Automatic / Manual
Backlight compensation (BLC)	Yes, with adjustable backlight zone
AGC	Brightness and gain limit adjustable
Gamma correction	Automatic / Manual
Adjustable white balance	ATW, AWB, MWB (2000 K to 11000 K)
Synchronisation	Internal
AE Presets	7 Presets
Configuration	Outlined OSD: via UTC commands or at the camera via integrated 4 -way-joystick
Languages	English
Video standard	PAL / NTSC
Privacy zone	Via Privacy Zone Box

Interfaces

Video output	CVBS, BNC
Serial	RS232 (for service purposes only)

Further specifications

Voltage supply	12V DC +/- 5%
Power consumption	Max. 2.1 W
Dimensions (w/o lens)	Approx. 45 W x 45 H x 73 L mm
Weight (w/o lens)	Approx. 160 g
Temperature	-10°C - 50°C, 0°C - 35°C recommended
Approvals/Certifications	CE, FCC, UL, ACA, UVV-Kassen, CB