

DF3000A-DN



Colour box camera (Day/Night)

- High-resolution Ultra Wide Dynamic Range colour camera with Cam_inPIX® technology
- Equipped with aspherical CS varifocal lens 2.9-8mm, F 0.95 DN
- 1/3" CMOS picture sensor
- Dynamic range up to 120 dB
- Noise ratio >48dB
- Progressive Scan
- Horizontal resolution: 540 TVL; 720x540 pixel
- Gamma adjustment
- AGC
- Slow Shutter up to 16x
- Black-and-white mode: on/off
- Power supply: 12V DC, 24V AC at 50/60 Hz, 250mA
- RS485
- Weight: app. 164g/5.8 oz (without lens)
- Housing dimensions: 45x45x108mm (without lens)
- BNC Video OUT, 75 ohm terminated

Options

- Varifocal lens 15-50mm, F 1.5 DN, aspheric, automatic blind, DC regulated, 1/3" format, CS Mount
- Power pack universal 110-240V on 12V DC

Item number

- 200.400.1

DF3000A-DN

Specifications

Sensor	1/3" Sensor CMOS
Digital zoom	Up to 4x
Dynamic range (max.)	120 dB max.
Horizontal resolution (TV lines)	540 TV lines
Picture size (horizontal x vertical)	720 x 540 Pixel
Transfer rate	50 fps (PAL); 60 fps (NTSC)
Light sensitivity	< 0.2 lux at f0.95, 50 IRE; 0.04 lux at f0.95 in Nightmode
Slow shutter	Up to 16x
Signal to noise ratio	> 48 dB
Video standard	PAL, NTSC
Signal formats (video)	CVBS, 75 ohm
Synchronisation	Linelock with 24V AC in PAL and NTSC
Adjustable white balance	ATW, AWB, Manual (2000 K to 11000 K)
Backlighting compensation	Yes, with adjustable backlight zone
AGC	Brightness-offset and gain limit selectable
Gamma correction	Yes
Progressive Scan	Yes
Presets	Universal, Details 1, Details 2, Indoor/Shadow, Indoor, Fluorescent, Low Light
B/W and colour mode	Yes
Day/Night functionality	Automatic and manual night mode activation
	Infrared sensitivity in night mode
Configuration	OSD: directly via camera buttons or remote controlled via UTC commands
Languages	English

Lenses

Mount	CS mount, C mount with 5 mm adapter
Lenses	Manual and DC Auto Iris lenses

Interfaces

Serial	RS485
Video output	BNC

Other hardware details

Power supply (incl. permitted tolerance)	12V DC, 24V AC +/- 5% (50/60 Hz)
Power consumption	< 3 W
Dimensions	W 45 x H 45 x L 108 mm (without lens) W 45 x H 45 x L 143 mm (with lens)
Operating temperature	-10 ° to 50 °C / -14 ° - 122 °F (0 ° - 35 °C / 32 ° to 95 °F recommended)
Weight	222g (164g without lens)