

DF2000A



Colour box camera

- High-resolution Ultra Wide Dynamic Range colour camera with Cam_inPIX® technology
- Can be equipped with all manual or DC Auto Iris lenses with CS/C types
- Robust aluminium diecast housing
- 1/3" CMOS picture sensor
- Dynamic range up to 120 dB
- Noise ratio >48 dB
- Progressive Scan
- Horizontal resolution: 480 TVL; 720x540 pixel
- Gamma correction
- AGC
- Slow Shutter up to 16x
- Power supply: 12V DC, 24V AC at 50/60 Hz
- RS232
- Weight: app. 270 g/9.2 oz
- Housing dimensions (WxHxL): 45x45x95mm
- BNC Video OUT, 75 ohm terminated

Options

- Variofocal lens 2.8-8mm, F 0.95, aspheric, automatic blind, DC regulated, 1/3" format, CS Mount
- Variofocal 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
- Privacy Zone Box
- UTC Remote Box

Item number

- 200.400

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Specifications

Sensor	1/3" sensor CMOS
Digital zoom	Up to 4x
Dynamic range (max.)	126 dB max.
Horizontal resolution (TV lines)	480 TV lines
Picture size (horizontal x vertical)	720 x540 pixel
Transfer rate	50 fps (PAL); 60 fps (NTSC)
Light sensitivity	< 0.6 Lux (1:0,95; 50 IRE)
Slow shutter	Up to 16x
Signal to noise ratio	>48dB
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	Yes, brightness-offset and amplification limit selectable
Gamma correction	Yes, set by preset choice
Progressive Scan	Yes
Presets	Universal, Universal / SH, Enhanced, Sensoric, Indoor, Normal, Fluorescent, Low Light
B/W and colour mode	Yes
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	RS232
Video output	BNC

Other hardware details

Power supply (incl. permitted tolerance)	12V DC, 24V AC +/- 5% (50/60 Hz)
Power consumption	4.5 W max.
Dimensions	W 45 x H 45 x L 95 mm (without lens)
Temperature	14 ° up to 122 °F / -10 ° to 50 °C (32 ° to 95 °F / 0 ° to 35 °C recommended)
Weight	Appr. 9.2 oz/ 270 g (without lens)
Approvals/Certifications	CE; FCC; ACA; UVV-Kassen; UL
Warranty	36 months