

MDF3000A-M



Colour module camera

- The MDF3000A-M is a UWDR Cam_inPIX® colour module camera.

Features:

- 1/3" DPS* sensor with Cam_inPIX® technology
- Digital Pixel System* chipset
- Pure 17-bit Digital Signal Processing
- High sensitivity for low-light images at F1.4, 50IRE: 1.0 lux
- Progressive Scan image capture
- Progressive With Segmented Frames (PsF) image data transmission
- Advanced noise reduction
- Enhanced image quality by means of numerous control functions like AWB, AGC, BLC and extended slow shutter
- Mono focal lens with F1.4 and f=3.6mm
- IR cut lens coating
- Configuration via UTC commands
- Compact and lightweight housing
- Versatile and adjustable mounting device

Options

- HiRes tele lens: F1.2/16 mm with IR cut coating
- Universal power pack, 110V-240V on 12V DC
- MicroStreamer
- Privacy Zone Box
- PicoRemote (UTC Remote Box)
- UTC Remote Box 4

Item number

- 200.400.5

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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
Light sensitivity	1.0 lux at F1.4, 50IRE
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
AGC	Brightness and gain limit adjustable
Gamma correction	Automatic / manual
Adjustable white balance	ATW, AWB, MWB (2000 K to 11000 K)
Synchronisation	Intern
AE Presets	7 Presets
Configuration	Outlined OSD: remote-controlled via UTC-commands
Languages	English
Video format	PAL / NTSC
Signal format (Video)	CVBS, 75 Ohm
Privacy zone	Via Privacy Zone Box

Lens specifications

Mount	Ø 12 mm threat mount
Iris range/ focus length range	F1.4/ 3.6 mm
Iris control	Fixed iris
Horizontal angle of view	Approx. 83°
IR filtering	IR Cut coating

Further specifications

Video output	BNC
Power supply	12 V DC +/- 5 %
Power consumption	Max. 1.7W
Dimensions	Approx. W 47 x H 45 x L 53 mm
Weight	Approx. 90g
Length of the video cable	Approx. 510 mm
Temperature	-10°C - 50°C, 0°C - 35°C recommended