

MDF3000A-CS



Colour module camera

- The MDF3000A-CS is a HiRes 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 image at F0.95, 50IRE: 0.5 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
- Integrated high-quality IR cut filter
- HiRes vari focal lens with F0.95 and f=2.8-8mm
- Configuration via UTC commands
- Compact and lightweight housing
- Versatile and adjustable mounting device

Options

- Universal power pack, 110V-240V on 12V DC
- MicroStreamer
- Privacy Zone Box
- PicoRemote (UTC Remote Box)
- UTC Remote Box 4
- CasinoCam® software module

Item number

- 200.400.3

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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
IR filtering	Included IR Cut Filter
Light sensitivity	at F0.95, 50IRE: 0,5 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
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	CS mount, C mount with 5 mm adapter
Iris range/ focus length range	F0.95/ 2.8 - 8 mm
Iris control	DC auto Iris
Horizontal angle of view	Wide end: 99° Tele end: 35°

Further specifications

Video output	BNC
Power supply	12V DC +/- 5%
Power consumption	Max. 2 W
Dimensions	Approx. W 47 x H 45 x L 71 mm
Weight	Approx. 146 g
Length of the video cable	Approx. 510 mm
Temperature	-10°C - 50°C, 0°C - 35°C recommended
Approvals/Certifications	CE, FCC, UL, ACA, UVV-Kassen, CB