

6 Technical Data // Technische Daten

Sensor	1/3" DPS CMOS
Signal Processing	17-bit Digital Signal Processing
Video standard	NTSC / PAL
Video capture	Progressive Scan
Video capture rate	30 fps (NTSC), 25 fps (PAL)
Video transfer format	PsF (Progressive segmented Frame)
Video transfer rate	60 fields per second (NTSC) 50 fields per second (PAL)
Number of effective pixels	720 (H) x 540 (V)
Horizontal resolution	540 TV lines
Dynamic range	102 dB typical, 120 dB max.
S/N ratio	> 48 dB
Configuration	Outlined OSD via UTC commands

Lens*

MDF3000A-CS	f=2.8 - 8 mm / F0.95 – T360
MDF3000A-M	→ f=3.6 mm / F1.4

Interfaces

DC auto iris (MDF3000A-CS only)	4-Pin Molex socket
Video / Power	4-Pin Hirose socket
Video OUT	CVBS, 1.0 Vp-p, 75Ω, BNC

Weight and Dimensions MDF3000A-CS (w/o brackets)

Weight (w/o lens)	Approx. 106 g
Weight (with lens)	Approx. 146 g
Dimensions (w/o lens)	Approx. 47 x 45 x 34 (W x H x D) mm
Dimensions (with lens)	Approx. 47 x 53 x 71 (W x H x D) mm

Weight and Dimensions MDF3000A-M (w/o brackets)

Weight (w/o lens)	Approx. 80 g
Weight (with lens)	Approx. 90 g
Dimensions (w/o lens)	Approx. 47 x 45 x 34 (W x H x D) mm
Dimensions (with lens)	Approx. 47 x 45 x 54 (W x H x D) mm

Further specifications

Power supply (incl. permitted toler.)	12V DC ±5%
Power consumption	Approx. 2 W
Temperature	-10°C to 50°C; 0°C to 35°C recommended
Humidity	0% to 90% (non condensing)
Languages	English
Warranty	36 months

* depending on the ordered equipment or device variant