



Heavy Duty Monitor

MD3072B-Quad

The intelligent 7" MD3072B-Quad monitor with integrated video control unit is one of the most flexible devices in the Motec monitor series. Up to 4 camera feeds can be displayed simultaneously. An integrated menu function and control cables to the automatic controls of the connected cameras ensure quick image changes. A digital panel with a contrast ratio of 400:1 delivers rich contrast and true colour images.



Technical data

Housing protection class	IP 30	Viewing angle	H 120°/V 100° (CR ≥ 10)
Background lighting	Typ. 400 cd/m ²	Video signal	FBAS/CVBS
Screen diagonal	17.8 cm (7"/16:9)	Video system	PAL/NTSC
Resolution	H 800 x 3 (RGB) x V 480 pixels	Signal input	1 Vpp (30 % Sync neg)/75 Ω
Video inputs	4	Power supply	12/24 V DC
Operating temperature	-20 °C...+80 °C	Fuse	3 A (type ATC)
Storage temperature	-30 °C...+85 °C	Power consumption	Max. 25 W
Control cables (input)	0 V...32 V DC, RIN = 33 kΩ, Switching threshold ON > 9.5 V/ OFF < 5.5 V (high active)	Weight	620 g
Contrast ratio	400:1	Mechanical resistance	Shock 20 g Vibration 10 g

Key Facts

- 7" monitor (17.8 cm screen diagonal)
- Direct connection of up to 4 cameras
- Split screen – up to 4 images at once
- Manual or automatic camera selection
- Image mirroring (for each camera)
- High shock/vibration resistance
- Integrated video control unit

Image visualisation



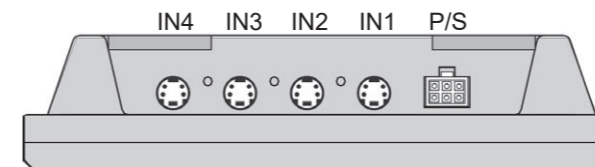
- The single frame mode allows toggling between camera 1, 2, 3, and camera 4
- The split screen mode allows toggling between the cameras 1/2, 2/3, 3/4, 4/1, 1/3, and the cameras 2/4
- In triple screen mode, the feeds of cameras 1...3 are displayed
- In quadruple screen mode, the feeds of all 4 cameras are displayed

Standards/Certificates/Quality Seals

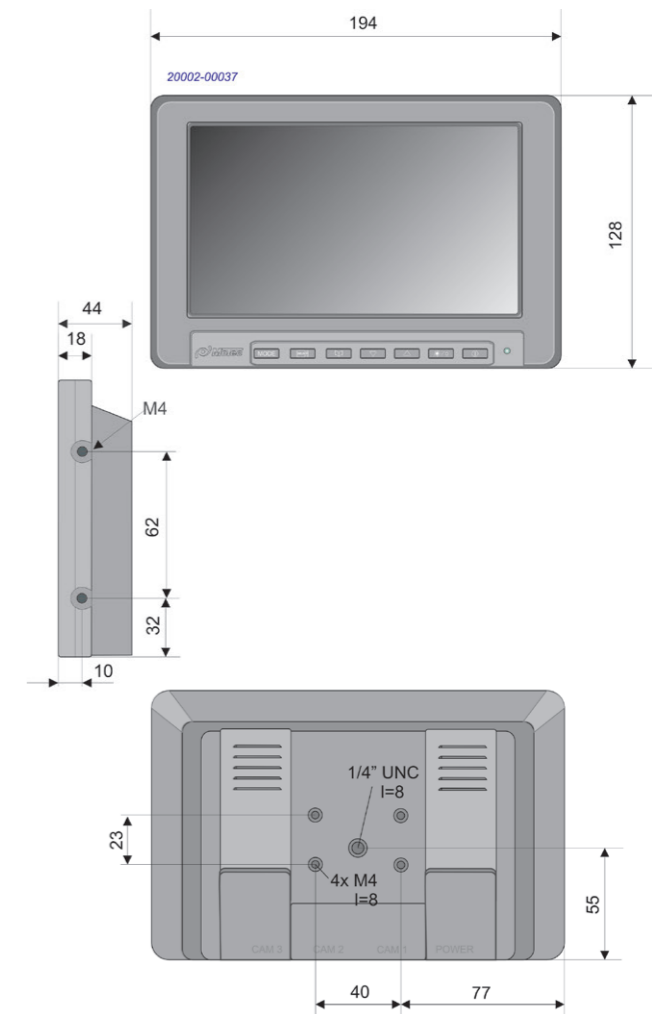
- (E13) 10R 0310999



Plug connection



Dimensions in mm



Package contents

MD3072B-Quad monitor	401 0041 000
MD3072B-AK connection cable fused (3 m)	812 0079 006
Light protection hood	406 0168 001
Operating instructions	103 0000 109