



Industrial imaging

MultiViewBox: display up to 4 camera images on one screen



Camera systems for
mobile machines



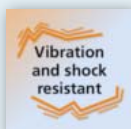
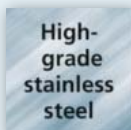
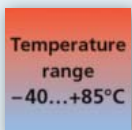
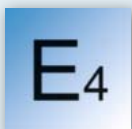
**Video splitter for up to four
camera images**

**9 different display modes
(incl. bird's eye view)**

Analogue video output (PAL)

**Shock and vibration resistant,
potted stainless steel housing**

**E4 type approval, optimised
for use in mobile machines**



Suitable camera images in every situation

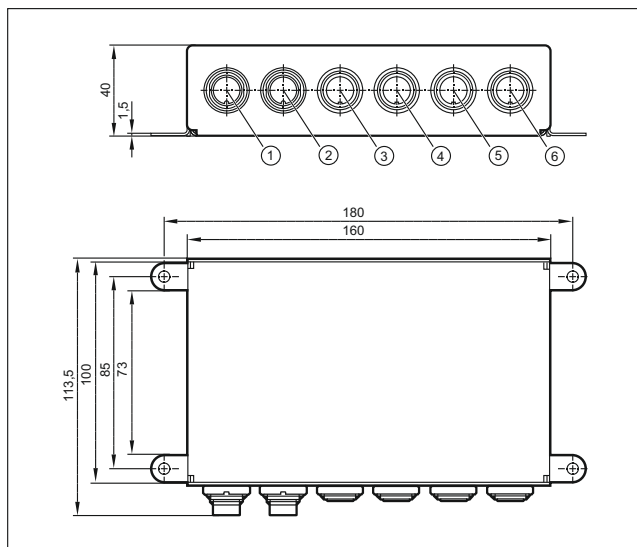
The multi-view box has been designed for use in mobile machines in harsh environments. It features four camera inputs. Depending on the requirements, 1, 2 or 4 camera images can be selected simultaneously in different arrangements via one control input. For example: Cam1 when moving forwards and Cam2 and 3 when moving backwards. In the "bird's eye view" 4 camera images can even be combined to become one 360° view. A total of 9 different display modes are available for the user.

Analogue video output

The ifm PDM360 dialogue module with analogue video input which is also suitable for mobile use or any other video display with PAL video input can be used as display.



Dimensions



- 1) INPUT
- 2) OUTPUT
- 3) C4
- 4) C3
- 5) C2
- 6) C1

Connection technology

Type	Description	Order no.
	Connection cable, M16, 3,85 m, 8 poles, for the voltage supply of the E2M250 multi-view box, open cable end	E2M251
	Socket, M16, wirable 8 poles, for the voltage supply of the E2M250 multi-view box	E2M252
	Adapter cable, 0.6 m black, PUR cable, M12 connector / M16 socket, to connect the MultiViewBox to the PDM NG	E2M200
	Jumper, 5 m black, PUR cable, M16 plug / M16 socket	E2M203
	Jumper, 11 m black, PUR cable, M16 plug / M16 socket	E2M204
	Jumper, 16 m black, PUR cable, M16 plug / M16 socket	E2M205
	Jumper, 21 m black, PUR cable, M16 plug / M16 socket	E2M206

Products

Type	Description	Order no.
MultiViewBox		
	Video splitter, visualisation of up to 4 camera images (PAL) on one process and dialogue module	E2M250
Analogue camera, 0.5 m connection cable with M16 connector		
	Angle of aperture 78°, lens heating	O2M200
	Angle of aperture 78°, lens heating, integrated mirror function	O2M201
	Angle of aperture 115°, lens heating	O2M202
	Angle of aperture 115°, lens heating, integrated mirror function	O2M203

Technical data

MultiViewBox E2M250		
Operating voltage	[V DC]	10...32 DC
Current consumption	[mA]	< 1200
Video signal		PAL (25 fps, interlacing) 720H x 576V (active 680 x 480)
Ambient temperature	[°C]	-40...85
Protection		IP 67 (ISO 20653)
Approval		UN-ECE R10
Housing materials		stainless steel SS316 (1.4401)
Connection		M16 connector