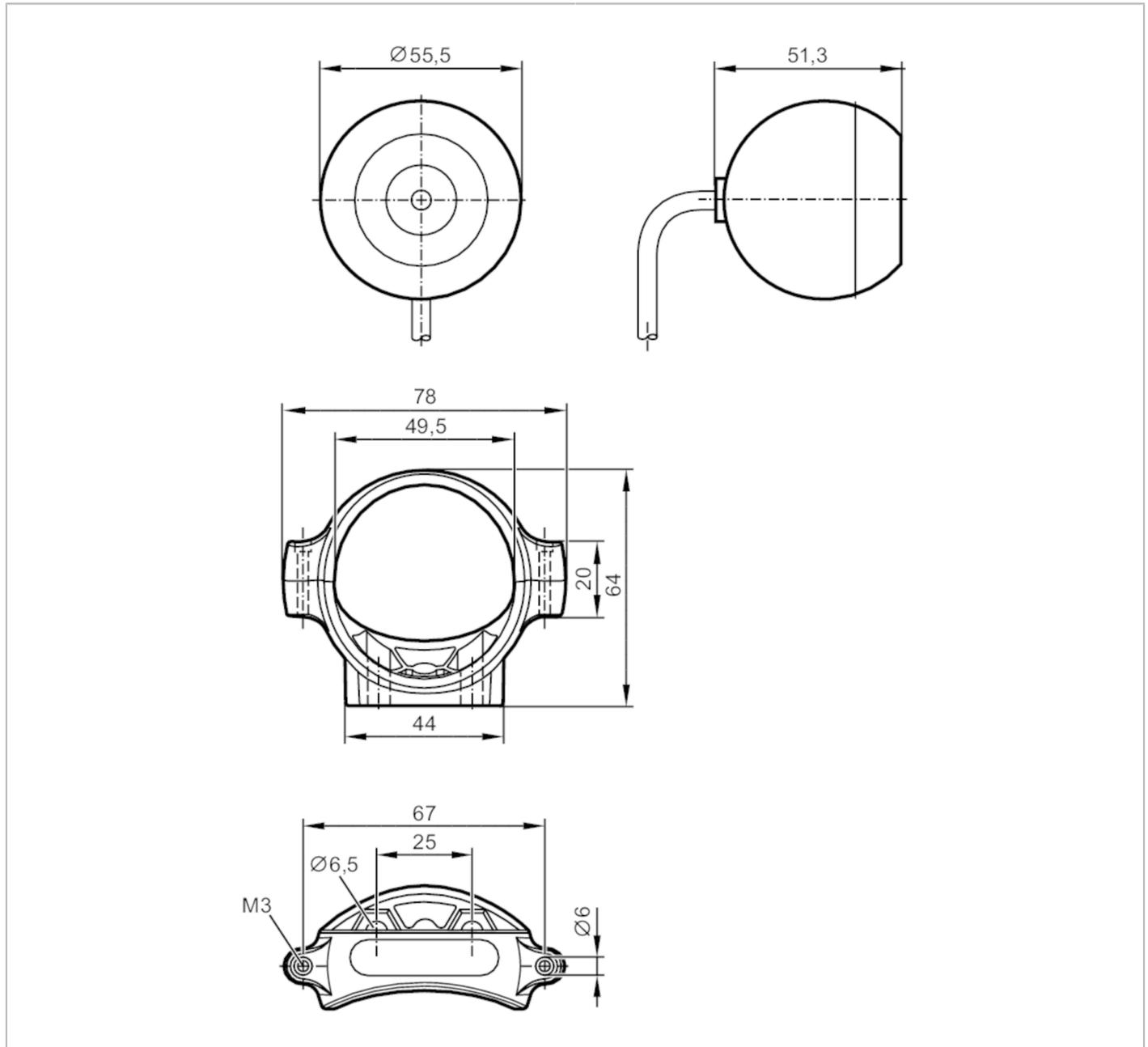


O2M202



Analog camera for mobile machines

O2MXOOKG/A1/GM/115



Product characteristics		
Image resolution	[px]	640 x 480
Angle of aperture	[°]	118 x 89
Application		
System		screened cable
Electrical data		
Operating voltage	[V]	12...32 DC
Current consumption	[mA]	< 280; (with lens heating)
Overtoltage protection		yes
Image sensor		¼" 4:3 VGA CMOS image sensor color

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Switch-on peak current	[mA]	1000
Switch-on peak current duration	[ms]	2

Outputs

Video output	PAL (25 fps interlace) 720H x 576V (640 x 480), 1 Vtt / 75 Ω
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Monitoring range

Field of view size	[mm]	Operating distance	Field of view		
		1000	3330 x 1970		
		2000	6660 x 3930		
		3000	9990 x 5900		
		4000	13310 x 7860		
		5000	16640 x 9830		
Image resolution	[px]	640 x 480			
Angle of aperture	[°]	118 x 89			
Light sensitivity	[LUX]	< 0.05			
Dynamic range	[dB]	> 80			

Operating conditions

Ambient temperature	[°C]	-40...85
Storage temperature	[°C]	-40...100
Protection		IP 67; IP 69K

Tests / approvals

EMC	DIN EN 61000-6-4	industrial environments
	DIN EN 61000-6-2	industrial environments
	UN-ECE R10	
Shock resistance		50 g
Vibration resistance	Frequency range 24...2000 Hz	(15.3 x 9.81 m/s ²)rms
	PSD (g ² /Hz)	0.04...0.1
Salt spray test	IEC 60068-5-52	

Mechanical data

Weight	[g]	313
Dimensions	[mm]	Ø 55.5 / L = 51.3
Material		housing: PC/ABS; front lens: polyamide reinforced glass-fiber

Accessories

Items supplied	Mounting set., E2M210
	screws: 2 x (M6 x 20 mm)
	washers: 2
	Nuts: 2 x M6, self-locking
	anti-slide pad

Remarks

Pack quantity	1 pcs.
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Electrical connection

Cable: 0.5 m, screened; shield connected

Connector: 1 x M16; coding: A; Shielded connection cable: true



1	coax cable core video signal
2	coax screen video GND
3	U+
4	0 V