

RoughCam[®] miniTube



Datasheet

Ultra compact and robust Day/Night AHD-Camera

Feature-Highlights.

- ✓ Extremely Robust
- ✓ Ultra compact and Leight
- ✓ Day & Night Functionality
- ✓ Wide Dynamic Range (WDR)
- ✓ High Light Sensitivity 0,01 lx
- ✓ High Resolution 1920x1080 (Full HD)
- ✓ 1/2,9" 2.0Megapixel CMOS Sensor
- ✓ Protection Level IP66/68

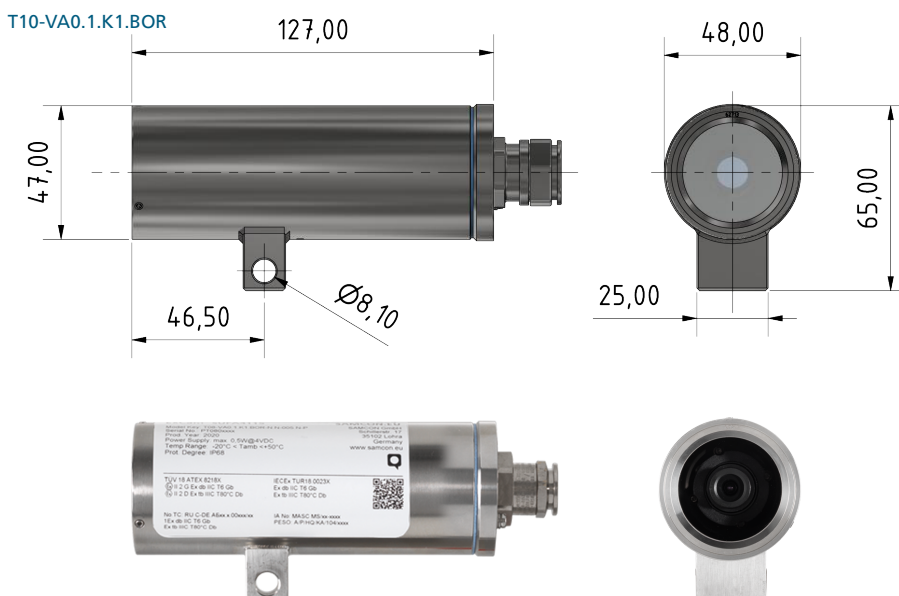


Models.










T10-VA0.1.K1.BOR-N.N-XXX.N-X-0XX

080 = 80°@16/9 HAoV-Lens (standard)
 056 = 46°@16/9 HAoV-Lens
 041 = 41°@16/9 HAoV-Lens
 P = Plug (BNC) cable connector
 K = Termination for terminal strips (standard)
 N = Non armoured cable
 _ = Cable length in meters (5m to 250m) [005 = standard]
 N = No cooling system installed ($T_{amb} < +50^{\circ}C$)
 N = No heater installed ($T_{amb} > -10^{\circ}C$)
 VA0.1.K1.BOR = Ultra-Compact Stainless Steel Enclosure 1.4404
 T10 = Camera type No. 10, Cameras for Safe Areas

Dimension.



Data.

	Mechanical characteristics	
	Housing material:	Stainless Steel 1.4404
	Protection level:	IP66/68 (IEC/EN)
	Weight:	0.6 kg
		
	Range of temperature	-10°C to +50°C
		
		
		
	Electrical characteristics	
	Power supply:	12VDC \pm 0.3 VDC
	Typical Power Consumption:	1.2W
	System cable SKA02	
	Outside diameter:	9.4mm
	Bending radius:	Min. 150mm
	Video:	1x75 Ω Koax AWG 24, Cu shield
	Power supply camera:	2x0.75mm ²
	Camera	
	Sensor:	1/2,9" 2.0 Megapixel CMOS Sensor
	Lens:	Fixed focal length 3.6mm (standard)
		
	Horizontal angle of view:	80° (HD, 16/9 standard), optional 56° or 41°
	Minimum Object Distance:	35 cm
	Minimum illumination:	0.01 lx
		
	Shutter settings:	AUTO 1/25s - 1/10000s;
	Resolution / Quality:	1080p (1920 x 1080)
	Signal-to-noise ratio:	\geq 52 dB
	Signals:	AHD @ 2MP, Composite CVBS 16:9 (4:3 [possible with extra accessories]) *
	Electronic functions	
	Electronic Shutter	
	Backlight Compensation (WDR)	
	Automatic Gain Control (AGC)	
	Digital Noise Reduction (DNR)	
	White Balance, Exposure	

Optional Equipment

Video-Converter, AHD/TVI/CVI/FBAS/ to HDMI/VGA/FBAS, Multisignal-Video-Server (Video stream also for non-HD capable monitors), 4-Channel-Ethernet-Video-server, Wall Mount Bracket, Terminal Box, ...

* = requires additional accessories