AVT EMC 4K MiniCam



High resolution (UHD) Camera especially for EMC- and test laboratories,

as well as general applications

Fully compatible with different visual inspection software and MiniCam programs



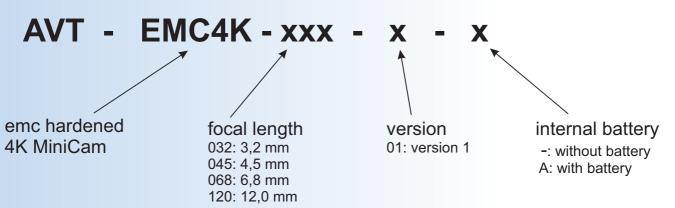
- **⇒ 4K Camera** for EMC labs and test fields with high interference imunity
- different resolutions selectable (640 x 360 up to 3840 x 2160)
- ⇒ Pan/Tilt/Zoom inside camera controled by software
- easy to use in hardware and software
- high quality vision sensor
- USB Video Class (UVC) compliant
- ⇒ data transmission with optical fibers (USB 3.0)
- small housing in slim design
- ⇒ high field immunity > 100 V/m

options:

- integrated rechargeable battery (5 Ah)
- optic lens for different angles
- higher interference immunity

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Ordering informations



Example: AVT-EMC4K-120-01

Technical specifications

Optics				_
focal length	3,2	4,5	6,8	12,0
focus distance	103°	68°	48°	30°
field of view	70°	42°	28°	17°
optical format, sensor	1/2,5", CMOS Sony IMX317			
Resolutions				
small size (below HD)	640x360, 640x480, 800x600, 960x540			
HD-resolutions	1280x720, 1280x 960, 1600x1200, 1920x1080			
2K-resolutions	2048x1536, 2688x1512, 2592x1944			
4K-resolution (UHD)	3840x2160 (Pixel Größe 1,62 μm x 1,62 μm)			
frame rates	30 fps (alle Auflösungen)			
General informations				
USB video class compliant	yes, Microsoft WHQL certified			
temperature operating range	-10°C 50°C			
length of fiber optic cable	10 m, 20 m, 30 m,			
	50 m, 70 m, 100 m			
data- and control interface on PC/Laptop	USB 3.0 (plug A)			
Electrical specifications	mi	n	n	nax
supply voltage (DC, 5 V typ.)	4,85	5 V	5,	25 V
power (camera without battery charging)	0,6	W	2	,6 W
current (operation / charging battery / operation and charging)	0,11 / 0,0	/ 0,11 A	0,52 / 2	2,0 / 2,52 A
delivery of power supply / charger / external battery	yes / sold as option / sold as option			
Dimensions				
Length of the camera without connectors	126 mm			
Width	50 mm			
Height (with foot)	50 mm (60 mm)			
Weight	370 g			

Contact

AVT