ACM-3701/ACM-3703

Megapixel IP Mini Dome Camera
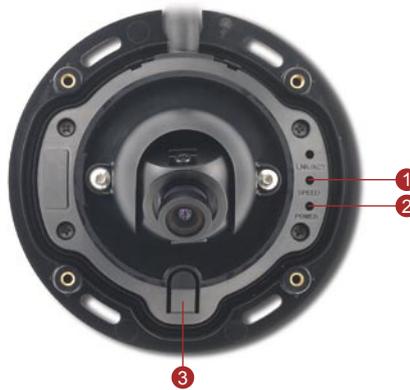

- 1/3" Micron Progressive Scan CMOS
- Integrated with f3.6 mm / F1.8 Megapixel fixed lens
- 0.5 Lux at F1.0
- Interchangeable lenses available
- Selectable MPEG-4 SP / MJPEG compression
- Up to SXGA resolution at 8 FPS
- Multi-stream with variable frame rate in the same compression
- Shutter Speed, White Blance, Exposure , Gain Controls supported
- Hardware motion detection
- Support Power over Ethernet (IEEE 802.3af) only
- Rugged RJ-45 (ACM-3701) / Rugged M12 (ACM-3703) Ethernet connector supported
- Weatherproof and vandal proof with IP66 protection
- Compliant with Railway Application EN50155
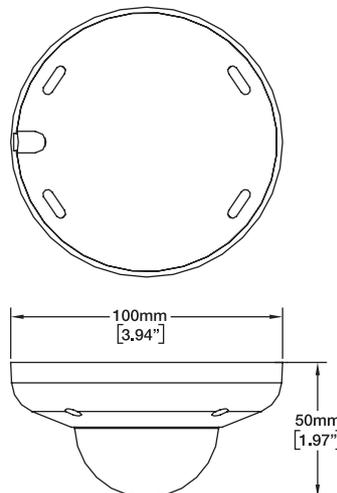

1 Ethernet LED
2 Power LED
3 Reset Button

Rugged RJ-45 Connector

Rugged M12 Connector

DIMENSION DIAGRAM

100mm
[3.94"]

50mm
[1.97"]

Unit: mm [inch]

Megapixel IP Camera

ACM-3701/ACM-3703

PRODUCT SPECIFICATION

		ACM-3701	ACM-3703
Image	Device	Micron Progressive Scan CMOS	
	Size	1/3 inch	
	Effective Pixels	1280(H) x 1024(V)	
Min. scene Illumination	Color	0.5 Lux at F1.0 (2400 ºK, 30 IRE)	
Lens	Focal Length	f3.6mm / F1.8	
	Viewing Angle	72.3º (Horizontal)	
Camera Angle Adjustment	X (Panning)	± 20º	
	Y (Tilting)	0º ~ 90º	
Synchronization	Sync. System	Internal	
Functions	Motion Detection	Yes (3 Windows)	
	Electronic shutter	1/5 ~ 1/15,000 sec.	
	Fixed Shutter (Manual)	1/30 ~ 1/1,000 sec. (60Hz); 1/25 ~ 1/1,000 sec. (50Hz)	
	Flickerless	1/120 sec. (60Hz); 1/100 sec. (50Hz)	
	AGC	Automatic (User defined)	
	White Balance	AUTO,INDOOR1,INDOOR2,OUTDOOR1,OUTDOOR2, HOLD CURRENT,MANUAL	
S/N Ratio	S/N Ratio	Better than 44 dB	
Video Compression	Compression	MPEG-4 SP, MJPEG selectable	
	Picture Resolution	SXGA (1280 x 1024); HD 720 (1280 x 720); VGA (640 x 480); QVGA(320 x 240); QQVGA(160 x 112)	
	Bit Rate	28 K ~ 3 M bps	
	Image Frame Rate	8 fps at SXGA; 10 fps at HD720; 30 fps at VGA; 30 fps at QVGA; 30 fps at QQVGA	
External I/O	Reset Button	Factory default	
	LED	System status	
Casing	IP66 Rated	Weatherproof casing with IP66 standard	
	Vandal Proof	Durability up to 722.66 KgF	
	Mount Types	Surface	
Network	Ethernet Port	Ethernet(10/100 Base-T), Rugged RJ-45 Connector	Ethernet(10/100 Base-T), Rugged M12 Connector
	Protocol	TCP, UDP, HTTP, HTTPS, DHCP, PPPoE, RTP, RTSP, DNS, DDNS, NTP, ICMP, ARP, IGMP, SMTP, FTP, UPnP	
Software	Web Browser	Microsoft Internet Explorer 6.0 or above	
	SDK	ACTi SDK-10000	
	Security	Password Protection: Configured by the administrator	
Operating	Temperature	-20 ºC ~ 50 ºC (-4 ºF ~ 122 ºF)	
Power	Power Requirement	PoE (IEEE 802.3af) with Class 3	
	Power Consumption	2.4W	
Physical	Dimensions (ØxH)	100 mm x 50 mm (3.94" x 1.97")	
	Weight	220g (0.48 lb)	
Approvals	Certificate	• CE, FCC • EN60950-1 • EN55025 • IP66 • EN50155 • ISO16750-3 : Vibration	

ACCESSORY OPTIONS

Lens

• f6.0mm, F1.8, Board mount, Format 1/3"	PLEN-0109
• f12.0mm F1.8, Board mount, Format 1/3"	PLEN-0110
• f2.4mm F2.0, Board mount, Format 1/3"	PLEN-0111

Dome Cover

• Transparent Cover	PDCX-1002
• Smoke Cover	PDCX-1102

BUNDLED ACCESSORY

• RJ-45 Field Installable Feed Through Adaptor (ACM-3701 Only)

• M12 Field Installable Feed Through Adaptor (ACM-3703 Only)