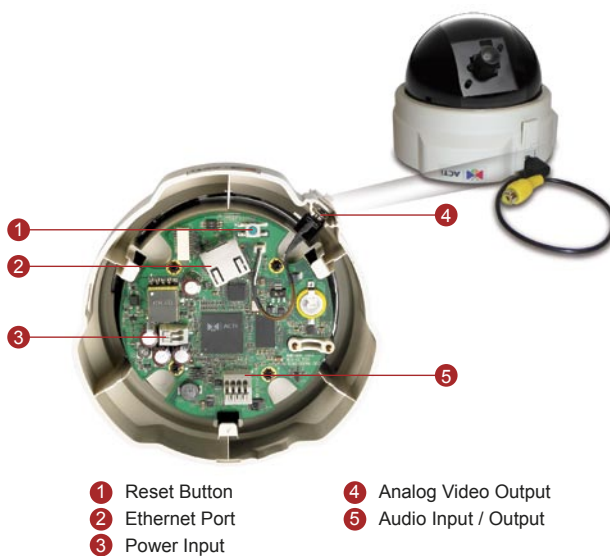


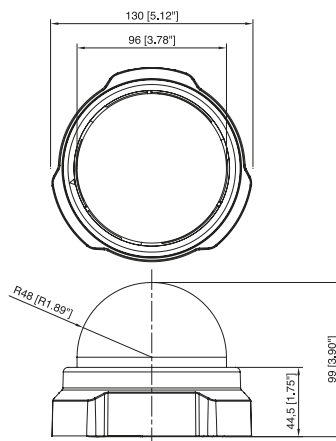
ACM-3100 Series



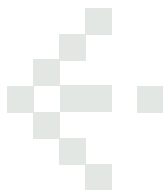
- Superior low-light performance down to 0.1 Lux
- Build in 3.8 mm fixed lens
- Build in IR LED and CDS sensor (ACM-3111)
- MPEG-4 / MJPEG compression supported
- CIF up to VGA resolution at 30/25 FPS
- Two way audio supported
- Power over Ethernet (IEEE 802.3af) supported (ACM-3101/ACM-3111)



DIMENSION DIAGRAM



Unit: mm [inch]



ACM-3100 Series

PRODUCT SPECIFICATION

		ACM-3100	ACM-3111
Image	Device	Micron Interlaced Scan SuperCMOS	
	Size	1/4 inch	
	Effective Pixels	640 x 480 (NTSC); 640 x 480 (PAL)	
Min. Scene Illumination	Color	0.1 Lux at F2.0	Color mode automatically switched to B/W mode under 4 Lux
	B/W	N/A	0 Lux at IR LED On
	IR Sensitivity	N/A	from 700 nm to 1100 nm
	IR LED	N/A	IR LED x15 (850 nm)
	CDS Sensor	N/A	Yes
	IR Working Distance	N/A	10 M (30 IRE)
Lens	Focal Length	f 3.8 mm / F2.0	
	Viewing Angle	71.5° (Horizontal)	
Camera Angle Adjustment	X (Panning)	0° ~ 170°	
	Y (Tilting)	0° ~ 90°	
Synchronization	Sync. System	Internal	
Day/Night Functions	Mechanical IR Cut Filter	N/A	Yes
	Motion Detection	Yes (3 windows)	
Functions	Electronic Shutter	1/25 ~ 1/10,000 sec. (NTSC); 1/30 ~ 1/10,000 sec. (PAL)	
	AGC	Automatic	
	White Balance	AWB / MWB (switchable)	
S/N Ratio	S/N Ratio	Better than 38.8 dB	
Video Compression	Compression	MPEG-4 SP, MJPEG selectable	
	Picture Resolution	VGA (640x480 in NTSC, 640x480 in PAL); CIF (352x240 in NTSC, 352x288 in PAL); QCIF (176x120 in NTSC, 176x144 in PAL)	
	Bit Rate	28 K ~ 3M bps	
	Image Frame Rate	30 fps at VGA resolution (NTSC); 25 fps at VGA resolution (PAL)	
Video Output	Video Output	CVBS, 1.0Vp-p with 75Ω loading, 3.5mm Phone Jack	
Audio Input	Compression	8kHz, Mono, PCM	
	Audio Line Input	Unbalanced, 1.4Vp-p, 1Vrms, terminal block	
Audio Output	Compression	8 kHz, Mono, PCM	
	Audio Line Output	Unbalanced, 1.4Vp-p, 1Vrms, terminal block	
External I/O	Reset Button	Factory default	
Casing	Mount Types	Surface / Wall (option)	
Network	Ethernet	Ethernet(10/100 Base-T), RJ-45 Connector	
	Protocol	TCP, UDP, IP, HTTP, DHCP, PPPoE, RTP, RTSP	
	Web Browser	Microsoft Internet Explorer 6.0 or above	
Software	SDK	ActiveX control, C SDK	
	Security	Password protection: configured by the administrator	
Operating	Temperature	-10 °C ~ 50 °C (14 °F ~ 122 °F)	
Power	Power Requirement	DC 12 V ±10% (ACM-3100); PoE (IEEE802.3af) with Class 3 (ACM-3101)	PoE (IEEE802.3af) with Class 3 (ACM-3111)
	Power Consumption	3.2 W (DC 12 V) 4.22 W (PoE)	4.5 W (DC 12 V) w/ IR ON 5.8 W (PoE) w/ IR ON
Physical	Dimensions (øxL)	130 mm X 99 mm (5.12" x 3.90")	
	Weight	350 g (0.7 lb)	

ORDERING INFORMATION

Model Name	NTSC	PAL	DC 12 V	DC 12 V / PoE	IR
ACM-3100N	V		V		
ACM-3100P		V	V		
ACM-3101N	V			V	
ACM-3101P		V		V	
ACM-3111N	V			V	V
ACM-3111P		V		V	V

ACCESSORY OPTIONS

- Wall mount kit

MTB-201-R0



MTB-201-R0