



ACM-1431/ACM-1432



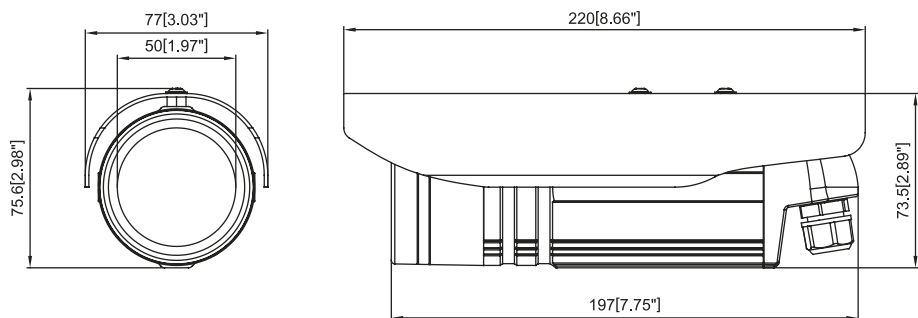
* The bracket needs to be purchased separately.

- 1/3" Sony Super HAD CCD
- Day and night function with Mechanical IR Cut Filter
- Integrated f3.8 ~ 9.5 mm / F1.2 varifocal lens
- 0 Lux (IR LED ON)
- Selectable MPEG-4 SP / MJPEG compression
- CIF up to Full D1 resolution at 30/25 FPS
- Multi-stream with variable frame rate in the same compression
- Backlight Compensation, Auto Iris Control, Auto White Balance supported
- Two-way audio supported
- Hardware motion detection
- Hybrid analog and ethernet video output with 540 TV lines
- DC 12V or Power over Ethernet (IEEE 802.3af) supported (ACM-1431), or AC 24V power source supported (ACM-1432)
- IP66 weatherproof supported



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|---------------------------------------|-----------------------|
| ① DC 12V / AC 24V Power Input | ④ Ethernet Port |
| ② Audio Input / Output & Video Output | ⑤ Power LED Indicator |
| ③ Reset Button | |

DIMENSION DIAGRAM



Unit: mm [inch]



ACM-1431/ACM-1432

PRODUCT SPECIFICATION

		ACM-1431	ACM-1432
Image	Device	SONY Super HAD CCD	
	Size	1/3 inch	
	Effective Pixels	811(H) x 508(V) (NTSC) 795(H) x 596(V) (PAL)	
	Horizontal Resolution	540 TVL	
Min. Scene Illumination	Color	Color mode automatically switch to B/W mode under 4 Lux	
	B/W	0 Lux (IR LED ON)	
	IR Sensitivity	from 700 nm to 1100 nm	
	IR LED	IR LED x15 (850 nm)	
	CDS Sensor	Yes	
Lens	IR Working Distance	20 ~ 30 M (30 IRE)	
	Focal Length	f3.8 ~ 9.5 mm / F1.2	
	Viewing Angle	73.4° ~ 29.7° (Horizontal)	
Synchronization	Sync. System	Internal	
Day/Night Functions	Mechanical IR Cut Filter	Yes	
	Motion Detection	Yes (3 windows)	
Functions	Electronic Shutter	AES On: 1/60~1/100,000 sec. (NTSC) 1/50~1/100,000 sec. (PAL)	
	Fixed Shutter (Manual)	AES Off: 1/60 sec (NTSC) 1/50 sec (PAL)	
	BLC	ON/OFF (switchable)	
	AGC	ON/OFF (switchable)	
	White Balance	AWB	
	Flickerless	ON/OFF (switchable)	
	Auto Iris Control	DC Iris	
	S/N Ratio	S/N Ratio	Better than 50 dB
Video Compression	Compression	MPEG-4 SP, MJPEG selectable	
	Picture Resolution	Full D1 (720x480 in NTSC, 720x576 in PAL) VGA (640x480 in NTSC, 640x480 in PAL) CIF (352x240 in NTSC, 352x288 in PAL) QCIF (160x112 in NTSC, 176x144 in PAL)	
	Bit Rate	28 K ~ 3 M bps	
	Image Frame Rate	30 fps at full D1 resolution (NTSC) 25 fps at full D1 resolution (PAL)	
Video Output	Composite Output	CVBS, 1.0Vp-p with 75 Ω loading, terminal block	
Audio Input	Compression	8kHz, Mono, PCM	
	Audio Line Input	Unbalanced, 1.4 Vp-p, 1Vrms, terminal block	
Audio Output	Compression	8kHz, Mono, PCM	
	Audio Line Output	Unbalanced, 1.4 Vp-p, 1Vrms, terminal block	
External I/O	Reset Button	Factory default	
	LED	System status	
Casing	IP66 Rated	Weatherproof casing with IP66 standard	
Network	Ethernet Port	Ethernet (10/100 Base-T), RJ-45 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	
Operating	Security	Password protection: configured by the administrator	
	Temperature	-20 °C ~ 40 °C (-4 °F ~ 104 °F)	
Power	Power Requirement	PoE (IEEE802.3af) with Class 3	AC 24V ±10%
	Power Consumption	7.1 W (DC 12V) w/ IR ON 8.4 W (PoE) w/ IR ON	7.1 W (DC 12V) w/ IR ON 13.5 VA (AC 24V) w/ IR ON
Physical	Dimensions (ØxL)	77 mm x 220 mm (3.03"x 8.66")	
	Weight	685 g (1.51 lb), with sunshield	
Approvals	Certificate	CE, FCC, IP66	

MODEL SELECTION

Model Name	NTSC	PAL
ACM-1431N	V	
ACM-1431P		V
ACM-1432N	V	
ACM-1432P		V

ACCESSORY OPTIONS

Bracket

- Camera Bracket PMAX-1103