



# ACM-1431/ACM-1432



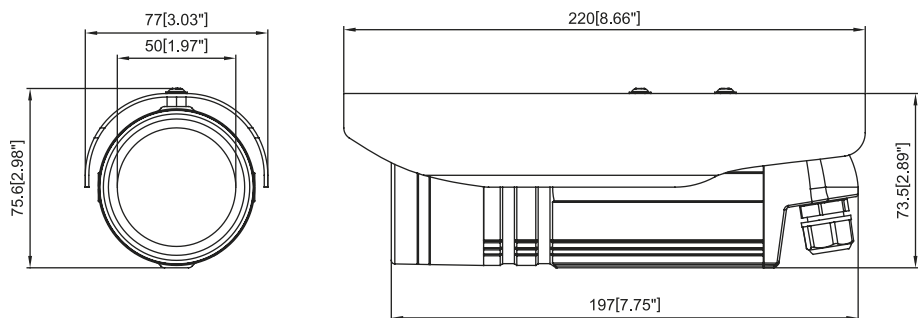
\* The bracket needs to be purchased separately.

- 1/3" Sony SuperHAD CCD
- Day and night function with Mechanical IR Cut Filter
- Integrated 3.8 ~ 9.5 mm F1.2 varifocal lens
- 0 Lux (IR LED ON)
- Backlight Compensation, Auto Iris Control, Auto White Balance supported
- Selectable MPEG-4 / MJPEG compression
- CIF up to Full D1 resolution at 30/25 FPS
- Multi-stream with variable frame rate in the same compression
- Two-way audio supported
- Hardware motion detection
- Hybrid analog and ethernet video output with 540 TV lines
- DC 12 V or Power Over Ethernet (IEEE 802.3af) supported
- IP66 weatherproof supported

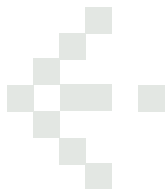


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|---------------------------------------|-----------------------|
| ① DC 12 V / AC 24 V Power Input       | ④ Ethernet Port       |
| ② Audio Input / Output & Video Output | ⑤ Power LED Indicator |
| ③ Reset Button                        |        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

## DIMENSION DIAGRAM



Unit: mm [inch]



# ACM-1431/ACM-1432

## PRODUCT SPECIFICATION

		ACM-1431	ACM-1432
Image	Device	SONY SuperHAD CCD	
	Size	1/3 inch	
	Effective Pixels (HxV)	811 x 508 (NTSC); 795 x 596 (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	
Synchronization	Viewing Angle	74.2° ~ 30.0° (Horizontal)	
	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); AES Off: 1/60 sec. (NTSC); AES On: 1/50~1/100,000 sec. (PAL); AES Off: 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	
	Compression	MPEG-4 SP, MJPEG selectable	
Video Compression	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 (176x120 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	Ethernet (10/100 Base-T), RJ-45 connector	
	Protocol	TCP, UDP, IP, HTTP, DHCP, PPPoE, RTP, RTSP, FTP, SMTP, DNS, DDNS, NTP, ICMP, IGMP, ARP, 3GPP	
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 24 V ±10%
	Power Consumption	7.1 W (DC12V) w/ IR ON 8.4 W (PoE) w/ IR ON	7.1 W (DC12V) w/ IR ON 13.5 VA (AC24V) w/ IR ON
Physical	Dimensions (WxHxD)	77mm x 75.6mm x 220mm (3.03" x 2.98" x 8.66")	
	Weight	685 g (1.51 lb), with sunshield	

## ORDERING INFORMATION

Model Name	NTSC	PAL	DC 12 V / PoE	DC 12 V / AC 24 V
ACM-1431N	V		V	
ACM-1431P		V	V	
ACM-1432N	V			V
ACM-1432P		V		V

## ACCESSORY OPTIONS

- Camera bracket

R695-00004-001



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\* All specifications are subject to change without notice.  
\* All brand names and registered trademarks are the property of their respective owners.