ACM-1430 Series

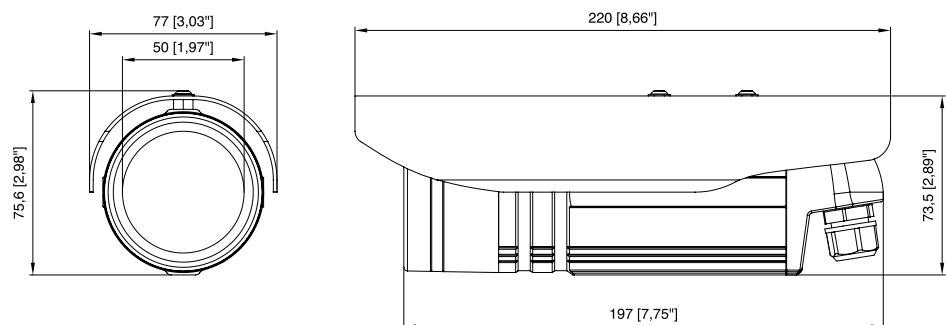## MPEG-4 Outdoor IP IR Bullet Camera

* The bracket is not included.

- 1/3" Sony SuperHAD CCD
- 540 TVL Supported
- Integrated 3.8 ~ 9.5 mm F1.2 varifocal lens
- Aluminum enclosure
- Weatherproof with IP66 protection
- Build in IR LED and CDS Sensor
- Backlight Compensation and Gain Control supported
- MPEG-4 SP compression
- CIF up to Full D1 resolution at 30/25 FPS
- Two-way audio supported
- Power over Ethernet (IEEE 802.3af) supported (ACM-1431), or AC 24V power source supported (ACM-1432)

1. DC 12 V / AC 24 V power input
2. Audio input / output & video output
3. Reset button
4. Ethernet
5. Power LED indicator

◼ DIMENSION DIAGRAM

77 [3,03"]
50 [1,97"]
75,6 [2,98"]
220 [8,66"]
73,5 [2,89"]
197 [7,75"]

Unit: mm [inch]

ACM-1430 Series

PRODUCT SPECIFICATION

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	0Lux (IR LED ON)
IR Sensitivity	from 700 nm to 1100 nm
IR LED	IR LED x15 (850 nm)
CDS Sensor	Yes
IR Working Distance	20 ~ 30 M (30 IRE)

Lens

Focal Length	f3.8 ~ 9.5 mm / F1.2
Viewing Angle	74.2º ~ 30.0º (Horizontal)

Synchronization

Sync. System	Internal

Day/Night Functions

Mechanical IR Cut Filter	Yes

Functions

Motion Detection	Yes (3 windows)
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

Video Compression

Compression	MPEG-4 SP
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

Network

Ethernet	Ethernet (10/100 Base-T), RJ-45 connector
Protocol	TCP, UDP, IP, HTTP, DHCP, PPPoE, RTP, RTSP

Software

Web Browser	Microsoft Internet Explorer 6.0 or above
SDK	ActiveX control, C SDK
Security	Password protection: configured by the administrator

Operating

Temperature	0 ºC ~ 40 ºC (32 ºF ~ 104 ºF)

Power

Power Requirement	PoE (IEEE802.3af) with Class 3 (ACM-1431) AC 24 V ±10% (ACM-1432)
Power Consumption	7.1 W (DC12V) w/ IR ON 8.4 W (PoE) 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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