



Megapixel IP IR Bullet Camera

# ACM-1231/ACM-1232



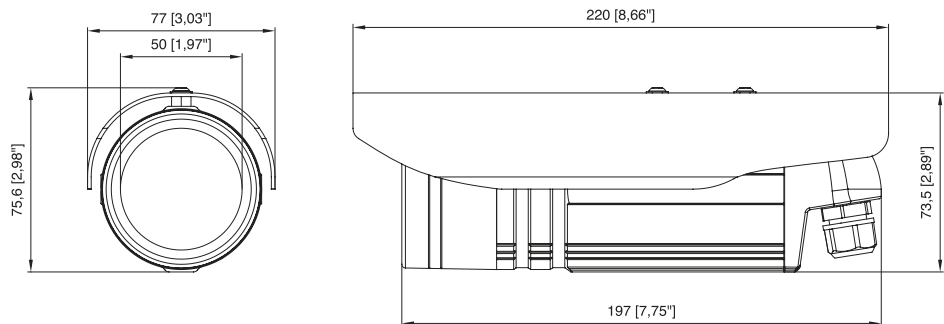
\* The fixed lens is included.

- 1/3" Micron Progressive Scan CMOS
- Day and night function with Mechanical IR Cut Filter
- Integrated f3.3~12mm / F1.4 Megapixel lens
- Selectable MPEG-4 / MJPEG compression
- Up to SXGA resolution at 8 fps
- Multi-stream with variable frame rate in the same compression
- Two-way audio supported
- Hardware motion detection
- DC 12 V or Power over Ethernet (IEEE 802.3af) supported (ACM-1231), or AC 24V power source supported (ACM-1232)
- IP66 weatherproof supported



- |                                 |                       |
|---------------------------------|-----------------------|
| ① DC 12 V / AC 24 V power input | ④ Ethernet port       |
| ② Audio input / output          | ⑤ Power LED indicator |
| ③ Reset button                  |                       |

## DIMENSION DIAGRAM



Unit: mm [inch]



# ACM-1231/ACM-1232

## PRODUCT SPECIFICATION

		ACM-1231	ACM-1232
Image	Device	Micron Progressive Scan CMOS	
	Size	1/3 inch	
	Effective Pixels	1280 x 1024	
Min. Scene Illumination	Color	Color mode automatically switched to B/W mode under 7 Lux	
	B/W	0Lux (IR LED ON)	
	IR Sensitivity	from 700 nm to 1100 nm	
	IR LED	IR LED x 24 (850nm)	
	CDS Sensor	Yes	
	IR Working Distance	20 ~ 30 M(30 IRE)	
Lens	Lens	f3.3~12mm / F1.4	
	Viewing Angle	89.8° ~ 23.9° (Horizontal)	
Synchronization	Sync. System	Internal	
Functions	Motion Detection	Yes (3 Windows)	
	Electronic Shutter	1/10 ~ 1/2,000 sec. (60Hz)	
		1/10 ~ 1/2,000 sec. (50Hz)	
	Flickerless	1/120 sec. (60Hz) 1/100 sec. (50Hz)	
	BLC	Yes	
	AGC	Automatic (User defined)	
	White Balance	6 Modes (AUTO,INDOOR1,INDOOR2,OUTDOOR1,OUTDOOR2, HOLD CURRENT,MANUAL) Configurable	
S/N Ratio	S/N Ratio	Better than 44 dB	
Video Compression	Compression	MPEG-4 SP, MJPEG selectable	
	Picture Resolution	SXGA (1280x1024)	
		HD 720 (1280x720)	
		VGA (640x480)	
Image Frame Rate	SXGA at 8 fps HD720 at 10 fps VGA at 30 fps		
Audio Input	Compression	8kHz, Mono, PCM	
	Audio Line Input	Unbalanced, 1.4Vp-p, 1Vrms, terminal block	
Audio Output	Compression	8kHz, Mono, PCM	
	Audio Line Output	Unbalanced, 1.4Vp-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), RJ45 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	ActiveX control, C SDK	
	Security	Password Protection: Configured by the Administrator	
Operating	Temperature	-20 °C ~ 50 °C (-4 °F ~ 122 °F)	
Power	Power Requirement	PoE(IEEE802.3af) with class 3	AC 24 V±10%
	Power Consumption	3.72W (DC12V) w/ IR ON 4.8W (PoE) w/ IR ON	3.72W (DC12V) w/ IR ON
Physical	Dimensions (WxHxD)	77 mm x 75.6 mm x 220mm (3.03" x 2.98" x 8.66")	
	Weight	685g (1.51b), with sunshield	

## ORDERING INFORMATION

Model Name	D&N	DC 12 V / PoE	DC 12 V AC 24 V
ACM-1231	V	V	
ACM-1232	V		V