

# MPEG-4 IP Dome Cameras

## WTC-IR431

Outdoor IP Box Camera

## WTC-IR431E

Outdoor IP Box Camera



### Features

- 1/3" Sony SuperHAD CCD
- Day and night function with Mechanical IR Cut Filter
- Integrated 3.8~9.5mm F1.2 Varifocal Lens
- 0 Lux at F1.2 (IR LED ON)
- Backlight Compensation, Auto Iris Control, Auto White Balance Supported
- Selectable MPEG-4 / M-JPEG 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
- DC 12 V or Power Over Ethernet (IEEE 802.3af) supported
- IP66 weatherproof supported

Model	WTC-IR431	WTC-IR431E
Device	SONY Super HAD CCD	
Size	1/3 inch	
Effective Pixels	NTSC : 811 x 508; PAL : 795 x 596	
Horizontal Resolution	540 TV Lines	
Color	0 Lux at F1.2 (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)	
Focal Length	f3.8 ~ 9.5 mm / F1.2	
Viewing Angle	74.2° ~ 30.0° (Horizontal)	
Sync. System	Internal	
Mechanical IR Cut Filter	Yes	
Motion Detection	Yes (3 windows)	
Electronic Shutter	1/60 ~ 1/100,000 sec. (NTSC) 1/50 ~ 1/100,000 sec. (PAL)	
BLC	On/Off Switchable	
AGC	On/Off Switchable	
White Balance	AWB	
S/N Ratio	Better than 50 dB	
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 (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)	
Composite Output	CVBS, 1.0Vp-p with 75 Ω loading, terminal block	
Compression	8kHz, Mono, PCM	
Audio Line Input	Unbalanced, 1.4Vp-p, 1Vrms, terminal block	
Compression	8kHz, Mono, PCM	
Audio Line Output	Unbalanced, 1.4Vp-p, 1Vrms, terminal block	
Reset Button	Factory default	
LED	System status	
IP66 Rated	Weatherproof casing with IP66 standard	
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	
Web Browser	Microsoft Internet Explorer 6.0 or above	
SDK	ActiveX control, C SDK	
Security	Password Protection: configured by the administrator	
Temperature	-20 ° ~ 40 °C (-4 °F ~ 104 °F)	
Power Requirement	AC 24 V ±10%	PoE (IEEE802.3af) with Class 3
Power Consumption	7.1 W (DC12V) w/ IR ON 13.5 VA (AC24V) w/ IR ON	7.1 W (DC12V) w/ IR ON 8.4(PoE) w/ IR ON
Dimensions (øxH)	77mm x 75.6mm x 220mm (3.03" x 2.98" x 8.66")	
Weight	685 g (1.51 lb), with sunshield	