

TCAM-230**H.264 IP Box Camera**

TCAM-230N is a network camera offering high quality video quality based on H.264 compression algorithm. Compared with old algorithms such as MPEG-4, it offers 40~50% better quality for video at the same bit rate.

TCAM-230N supports PoE (Power over Ethernet) which can reduce extra cost for installation.

Together with Internet Explorer or dedicated CMS (Central Monitoring System) S/W, TCAM-230N provides a flexible and quality-proven way to monitor remote site.

Features

- H.264 Compression Algorithm
- 1/3" SUPER HAD COLOR CCD WITH 410K PIXELS
- HIGH RESOLUTION OF 540TV LINE
- TRUE DAY&NIGHT (Optional)
- C/CS lens available
- MOTION DETECTION
- Built in OSD (ON SCREEN DISPLAY)
- DNR (Digital Noise Reduction) CHIP
- up to 128X SENSE-UP
- BLC (BACK LIGHT COMPENSATION)
- Privacy Image Masking with Free Position : 4 Zones
- PoE Support(Optional)
- Min. illumination of 0.3 LUX @ F1.2 (Normal Color Mode) 0.002 LUX @ F1.2(Sens-up)
- Option - Dual Power (DC12V & AC24V / AC 230V)

TCAM-230 Specifications

Specification & Design are subject to change without prior notice.

Section		Specification	
Network	Network Interface	Ethernet 10/100Base-T (RJ-45)	
	Network Protocol	TCP/IP, UDP, Multicast, DHCP, SMTP, HTTP, SNMP, RTP, RTSP	
Camera	Image Sensor	1/3" Sony Super HAD CCD, 410,000pixels	
	Max. aperture Ratio	1:1.3~2.0	
	Lens	C/CS Selective	
	Back Light Compensation	On/Off/Auto	
	Gain Control	AGC-L, AGC-H, OFF selectable	
	White Balance	W-ATW/S-AWC/AWC/Manual	
	Output	1 x Composite (1 Vpp 75 Ohm, BNC)	
	Electric Shutter Speed	1/60 ~ 1/200,000 sec	
	Min. Illumination	0.002Lux (Intensifier), 0.3Lux (F1.3)	
	S/N Ratio	50dB (AGC Off)	
	Motion Detection	MD1 / MD2 / OFF	
Video	Standards	H.264 compression algorithm	
	Data Rate	32Kbps ~ 4Mbps	
	Resolution	NTSC : 720x480, 720x240, 352x480, 352x240	
		PAL : 720x576, 720x288, 352x576, 352x288	
		540 TV Line	
	Max Frame Rate	NTSC : Max 30fps / PAL : Max 25fps	
Frame Rate Range	NTSC : 0.2 ~ 30fps / PAL : 0.2 ~ 25fps		
Audio	Standards	G.711	
	Sample Rate	8KHz	
	Data Rate	64Kbps	
	Input	1 x Line-In (Mini-stereo, Single Mono)	
	Output	1 x Line-Out (Mini-stereo, Single Mono)	
Serial	Port	1 x RS-485	
	Data Rate	2,400bps ~ 115,200bps	
Sensor/Alarm/etc	Sensor Input	1 x NO Contact	
	Alarm Output	1 x NO Contact	
	Reset Button	1 x Factory Reset Button	
User Interface	System Status	LED, OSD	
Software	True CMS/Web Viewer	Live Monitoring, Recording, Search & Playback, Backup	
Physical	Dimension	114(W) X 64(D) X 56(H)mm	
	Weight	340g (Without Lens)	
	Power Source	DC 12V/0.4A, PoE(Power over Ethernet): 802.3af	
	Power Consumption	Max 5W	
	Operating Temp.	-10°C ~ 50°C / 14°F ~ 122°F	