

# IT-SS33D-IRL

✓ *High Definition 30x Optical Zoom IP Camera*



## Features

- High sensitivity
- 2M pixel IP camera
- 30x optical zoom
- High SNR
- Friendly interface
- Video output IP
- Low data bit rate
- Compactness
- 300m IR laser



## Applications

- Box camera system
- Pan/Tilt high speed dome
- Small PTZ system

## Description

This is an all-in-one camera integrated with high performance optical zoom lens, based on CMOS sensor with high sensitivity and high definition. It has full of interfaces including IP video output that is applicable to long-haul transmission, and easy to connect to network. Due to its high sensitivity, it can capture monitoring objectives in weak light, and it can get high quality video as its high signal-to-noise ratio. With built-in sync. zoom angle IR laser light, the effective distance is reach to 300m at night. It is widely used in security surveillance field.

It is recommended for long range HD IP video surveillance at highway, port, railway system, border, prison, safety city, school, fire prevention and all kinds of industries installations.

## Specifications

Model	<b>IT-SS33D-IRL</b>			
Image Device	1/2.8" CMOS Sony Sensor			
Optical Zoom	30X			
Valid Pixel	2 mega			
Resolution	More than 1000TVL			
SNR	≥55dB			
Min Illumination	Color : 0.05lux/F1.6 (AGC-ON) B&W : 0.003lux/F1.6 ( AGC-ON)			
Focal Length	f=4.3-129mm			
Angle of View	62.3° ~ 2.58° (near focus -far focus)			
Max Aperture	F1.6~F5.0			
IR Laser	Wavelength	808nm±10nm		
	Distance	Effective distance ≤300m		
	Angle	Electric synchronous zooming 1-60°		
Zoom Speed	About 3 seconds (near focus-far focus)			
Focus Mode	Auto / Manual / Disposable auto focus			
WB	Auto/Manual			
Iris Control	Auto/Manual			
ES	Support auto ES ( 1/25 ~ 1/10 , 000 s ) Manual ES ( 1/5 ~ 1/10 , 000 s )			
Gain Control	100, 150, 200, 300, 400, 600, 800, 1600, 3200, 6400, 12800, 25600, 51200, 102400 can set			
BLC	Close/BLC			
WDR	Close/Open			
Day/night Switch	Auto/Color/B&W (ICR)			
Image Overturn	Normal/Vertical overturn/horizontal overturn/vertical and horizontal overturn			
Noise Reduction	Close/Open			
Network				
Video Code	Video Compression Standard		H.264、 MJPEG	
	Max Frame Rate		2048x1536@60fps	
	Master Stream	Resolution	2048x1536 ( 1536P ) , 1920x1080(1080p) , 1280x960(960p) , 1280x720(720p)	
		Frame Rate	1 ~ 60fps	
		Code Rate	32Kbps ~ 8Mbps , support CBR/VBR	
	Max Frame Rate		1920x1080@60fps	
	Master Stream	Resolution	1920x1080(1080p) , 1280x960(960p) , 1280x720(720p)	
		Frame Rate	1 ~ 60fps	
		Code Rate	32Kbps ~ 8Mbps , support CBR/VBR	
	Max Frame Rate		1280x720@60fps	
	Master Stream	Resolution	1280x720(720p)	
		Frame Rate	1 ~ 60fps	
		Code Rate	32Kbps ~ 8Mbps , support CBR/VBR	
	Slave Stream	Resolution	720x576(D1) , 640x480(VGA) , 352x288(CIF) , 320x240(QVGA)	
		Frame Rate	1 ~ 30fps	
Code Rate		32Kbps ~ 8Mbps , support CBR/VBR		
Audio Code	G.711 64Kbps			
Video Mask	4 area can set			
OSD Function	Support date time, code stream information overlay, camera title overlay, overlay position can be adjusted			

Image Setting	Support brightness, contrast, saturation, acutance and so on, can adjust from client side or IE.
Access Protocol	Support Onvif and GB/T28181
Network Protocol	IPv4, IPv6, TCP, UDP, HTTP, HTTPS, SMTP, FTP, NTP, DNS, DDNS, DHCP, ARP, Bonjour, UPnP, RTSP, RTP, RTCP, IGMP, PPPoE, ICMP, SNMP
TF Storage	Max 32G
Alarm Input	2 ways input
Alarm Output	1 way output, support alarm linkage
Alarm Linkage	TF card record/ FTP transfer files/Email Inform/Snap Image/Preset position/Alarm output
Audio	1 way input 1 way output, monitor or talkback
Convention	
Protection level	-20°C ~ 60°C
Humidity	10%~90% relative humidity(non-condensation)
Dimension	L334mm×W193mm×H110mm
Weight	2.2kg
Power Supply	DC12V2.2A (±10%)
Consumption	25W

All products, product specifications and data are subject to change without notice.