





TNU-6324ER

2M Explosion-proof IR Camera











Key Features

- Max. 2MP (1920 x 1080) resolution
- H: 64.66°(Wide)~2.29°(Tele) / V: 38.08°(Wide)~1.30°(Tele)
- Max. 60fps/50fps(60Hz/50Hz)@2MP (H.265, H.264)
- H.265, H.264, MJPEG codec, WiseStream II
- IR viewable length 200m
- Day & Night (Auto ICR), WDR (120dB)
- Pan/Tilt: 0.1°/sec ~40°/sec, Endless rotation, Preset (300ea)
- Explosion-proof certificate: IECEx, ATEX, KCs, KC, CE/UKCA
- Stainless 316L, Built-in wiper
- IP67, IK10



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Specifications

Video		
Imaging Device	Size	1/2.8"
	Туре	CMOS
Resolution		1920x1080, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240
Max. Framerate	H.265/H.264	60fps/50fps(60Hz/50Hz)
	MJPEG	30fps
Min. Illumination (Lux)	Color(1/30sec, 30IRE)	0.05
	BW(1/30sec, 30IRE)	0.005
Lens		
Focal Length (mm)		4.44~142.6
Zoom Ratio	Optical	32x
Max Aperture Ratio (F	Wide	1.6
number)	Tele	4.4
Angular Field of View	Horizontal	61.8°~2.19°
	Vertical	36.2°~1.24°
Min. Object Distance		1.5m(4.92ft)
Focus Control		Oneshot AF
Lens Type		DC auto iris
Pan / Tilt / Rotate		
Pan / Tilt / Rotate Range	Pan	360° Endless
	Tilt	180°(-90° ~90°)
Pan Speed	Manual	0.5°/sec ~80°/sec
Tilt Speed	Manual	0.1°/sec~60°/sec
Sequence		Preset(300ea), Swing, Group(6ea), Trace, Tour, Auto Run, Schedule
Preset Accuracy		±0.25°
Operational		
Direction Indicator		Support

Design and specifications are subject to change without notice. The latest product information / specification can be found at HanwhaVision.com Hanwha Vision is formerly known as Hanwha Techwin.

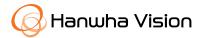


Operational		
Day & Night		Auto(ICR)
Backlight Compensation		BLC, HLC, WDR, SSDR
Wide Dynamic Range (dB)		120
Digital Noise Reduction		SSNR V
Digital Image Stabilization		Support
Defog		Support
Motion Detection	Quantity	8ea
	Shape	8point Polygonal zones
Gain Control		Low, Middle, High
White Balance		ATW, AWC, Manual, Indoor, Outdoor
Electronic Shutter	Mode	Minimum, Maximum, Anti flicker
	Speed Range	1~1/12,000sec
Alarm Interface	In/Out	Input 1ea, Output 1ea
Alarm Triggers		Analytics, Network disconnect, Alarm input
Alarm Events When Alarm Trigger Occurred		File upload(image): e-mail/FTP, Notification: e-mail,Alarm output, Handover: PTZ preset,NAS recording at event triggers
Light Type		IR LED
Light Viewable Length	IR	200m(656.17ft)
IR Wavelength		850nm
Water Removal		Support(with Wiper)
Analytics		
Analytics Events	Normal	Motion detection, Tampering, Fog detection, Face detection, Virtual area(Lotering, Intrusion, Enter/Exit, Appear/Disappear), Virtual line(Crossing, Direction)
Network		
Ethernet		RJ-45(10/100BASE-T)
Video Compression		H.265/H.264: Main/Baseline/High, MJPEG
Smart Codec		Manual, WiseStream II
Bitrate Control		H.265/H.264: CBR or VBR, MJPEG: VBR
Streaming	Unicast	Up to 20 users
	Multicast	Support
	Multiple Streaming	Up to 10 profiles
Protocol		IPv4, IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP, RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, UPnP, Bonjour, PIM-SM
Application Programming Interface	ONVIF	S, G, T
	Others	SUNAPI(HTTP API), Hanwha Vision Open Platform

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Security		
OS / Firmware Protect		Encrypted firmware
User authentication		Digest authentication
Network authentication		IEEE 802.1X(EAP-TLS, EAP-LEAP)
Secure Communication		нттрѕ
Access Control		IP-based access control
Audit		Access / System / Event Log management
General		
Memory	RAM	1GB
	Flash	256MB
Environmental &	Electrical	
Operating Condition	Temperature	-40°C~+60°C(-40°F~+140°F)
	Humidity	0~95% RH(non-condensing)
Storage Condition	Temperature	-30°C~+60°C(-22°F~+140°F)
	Humidity	0~95% RH(non-condensing)
Input Voltage		24VAC
Power Consumption	24VAC	Camera: Max. 99W, IR: Max. 50W
Mechanical		
Color		Silver
Material		Stainless(STS316L)
Product Dimensions		611(W)x438(H)x235(D)mm(24.06x17.24x9.25")
Product Weight		36kg(79.37lb)
Certifications & S	tandards	•
Environment		IEC 60529 IP67, IEC 62262 IK10, ATEX II 2 G Ex db IIC T6 Gb, II 2 D Ex tb IIIC T80°C Db, IECEx Ex db IIC T6 Gb, Ex tb IIIC T80°C Db, KCs



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CAD Unit: mm [inch]

