

1/2" High Sensitivity Camera

WTK-HS309/HS308

2MP 30x Zoom Hybrid(Network+HD-SDI) IR Rugged PTZ Camera

HD-SDI

ONVIF



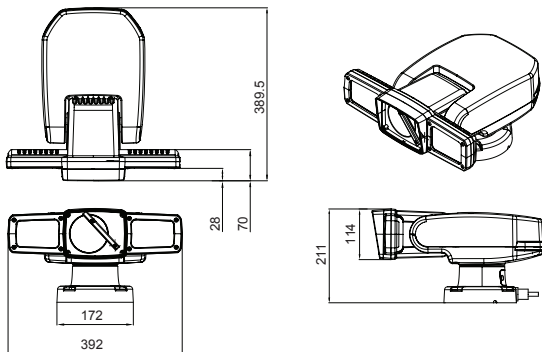
Features

- 1/2" 2MP Sony CMOS sensor
- NETWORK, HD-SDI, CVBS
- 30x Optical Zoom(6 ~ 180mm) & 32x Digital Zoom
- Day & Night(ICR)
- Real-time True WDR(DOL WDR : WTK-HS309)
- Digital Noise Reduction(2D+3D)
- Digital Image Stabilization
- Privacy Mask Function
- High Light Compensation
- Defog Function
- 255 Presets, 8 Tours, 8 Scans, 4 Patterns
- 360° Endless Panning and -90°~+90° Tilting
- Built-in Wiper
- Super IR LED 30pcs (IR Distance up to 200m)
- Smart IR control (10-step automatic control, option)
- Weather-proof, High intensity aluminum die-cast enclosure(IP66)
- Air flow control for internal fan/heater and air circulation
- IPv4, IPv6 Support
- Triple stream, Multicast
- H.265, H.264, MJPEG video compression
- ONVIF compatibility
- Less than 200ms latency with 2MP video streaming
- Dynamic IP support
- Edge storage up to 64GB
- Bi-directional audio support

※ Audio supported Model does not support CVBS and Alarm.

Dimensions

Unit : mm



GENERAL	
Power Source	DC24V ~ DC32V
Power Consumption	DC24V, 8A
Operating Temperature	-20°C ~ +50°C / 0% ~ 90% RH
Ingress Protection	IP66
Material	Aluminum
Dimensions	392(W) x 211(H) x 389.5(D) mm
Weight	12Kg

MODEL		WTK-HS309		WTK-HS308	
CAMERA					
Image Sensor		1/2" Sony CMOS Sensor			
Total Pixels		1952(H) x 1113(V) = 2.17M Pixels		1952(H) x 1241(V) = 2.42M Pixels	
Active Pixels		1937(H) x 1097(V) = 2.12M Pixels		1937(H) x 1097 (V) = 2.12M Pixels	
Video Format		1080p@60/50fps, 1080i@60/50fps, 1080p@30/25fps, 720p@60/50fps, 720p@30/25fps		1080p@30/25fps, 720p@60/50fps, 720p@30/25fps	
Min. Illumination	Color	0.01 lux / DSS 0.001 lux		0.15 lux / DSS 0.0375 lux	
	BW	0.002 lux / DSS 0.0002 lux		0.01lux / DSS 0.002 lux	
	IR-LED	0 lux		0 lux	
S/N Ratio		more than 50dB (AGC off)			
Video Output		NETWORK, HD-SDI, CVBS			
LENS		30x			
Lens Type		30x Day & Night Zoom Lens			
Zoom Ratio		Optical 30x, Digital 32x Zoom			
Focal Length		f = 6.0 mm ~ 180.0 mm			
Aperture Ratio		F1.5 (wide) ~ F4.3 (tele)			
Angle Of View (D, H, V)	WIDE	68.6°		61.2°	
	TELE	2.65°		2.32°	
				35.7°	
				1.31°	
PAN / TILT					
Pan		360° Continuous			
Pan Speed		1~150°/sec			
Tilt		-90°~+90°			
Tilt Speed		1~150°/sec			
Preset		255 points, less than 0.1° accuracy			
CAMERA FUNCTIONS					
Camera Title		ID / Title / Zoom Ratio / System Message			
Day & Night		Auto / Day / Night / Ext-in			
WDR/BLC		Off / WDR / BLC / HLC			
ACE		Off / Low / Middle / High			
DNR		Auto / Off / Low / Middle / High			
Defog		Off / On(Auto / Manual)			
Image Stabilization		Off / On			
Privacy Mask		Off / On (24 positions)			
Digital Slow Shutter		Off /x2 /x4 /x8 /x16 /x32		Off /x2 /x4	
Gain Control		0 ~ 10 steps		Off / On	
White Balance		Auto / One Push / Manual / Indoor / Outdoor			
Shutter Speed		1/30(25) ~ 1/60,000 sec		1/30(25) ~ 1/30,000 sec	
E.Zoom		Off / x2 ~ x32			
Digital Flip		Off / H / V / H&V			
Digital I/O		1 alarm			
Remote Control Interface		RS-422, 485			
Protocol		Pelco-D / Pelco- P / WONWOO			
NETWORK					
Ethernet		RJ-45 (10/100BASE-T)			
Video Compression		H.265, H.264, MJPEG			
Resolution		1920x1080, 1280x720, 1024x576, 640x360, D1, 4CIF, VGA, CIF, QVGA			
bit rate		32Kbps~8Mbps (CBR/VBR Support)			
Max. frame rate		60fps@1920x1080		30fps@1920x1080	
Streaming Capability		Supports up to Triple streams			
Audio In / Out		Mic In / Audio Out			
Audio Compression		G.711			
Audio Communication		Bi-directional audio			
Protocol		TCP, UDP, IP, HTTP, DHCP, DNS, ICMP, ARP, IPv4 / IPv6, DDNS, NTP, SNMP, Syslog, UPnP, Bonjour, ZeroConf, RTP/RTSP, Onvif, Genetec Protocol			
Storage		SDXC (up to 64GB, MicroSD)			
Security		MD5 Password / iptables (firewall) / SSL			
Webpage Language		Korean, English			
Web Viewer		IE8.0 or above, Microsoft Edge, Firefox, Google Chrome, Apple Safari			