

# SHICO. PTZ CAMERA

MODEL : TK-H308 Series

2.4MP x 30 Zoom Network + IR PTZ Camera  
ONVIF



## FEATURES

- 1/2.8" 2.4M CMOS
- 1920p 60fps
- Network IP Camera
- x32 Optical Zoom(4.44mm~142.6mm) & x32 Digital Zoom
- Day & Night(ICR)
- Real-time True WDR
- Digital Image Stabilizer
- Privacy Mask Function
- Hight Light Compensation
- Defog Function
- 255 Presets, 8 Tours, 8 Scans, 4 Patterns, 16 Areas, 1 Alarm
- 360° Endless Pan Rotation, -90°~+90° Tilt Movement
- Built-in Wiper System(Washer Pump Can be Added If Necessary)
- Built-in Super IR LED 37pcs(IR Distance 250m Auto Focusing)
- All Weather, Lightweight, High Impact Aluminum die-cast Enclosure(IP66)
- Environmental and Air Flow Control for Internal Fan/Heater and Air Circulation
- IPv4, IPv6 Support
- H.264, H.265 and Motion JPEG compression
- ONVIF compliant API
- Industry Leading Latency of 200ms/2Mpix Bandwidth Adaptive Video Streaming
- Dynamic IP support
- SD/SDHC Memory Slot
- Bi-directional Audio Support
- Wind Resistance : up to 160km/h (Operational)
- Dynamic Positioning Control
- Internal Gear Zero Backlash

GENERAL	
Power Source	DC12V
Power Consumption	DC12V, 5A
Operating Temperature	-30℃ ~ +60℃ / 0% ~ 90% RH
Ingress Protection	IP66
Material	Aluminum & Plastic
Dimensions	370(W) x 262(H) x 370(D) mm
Weight	10kg

CAMERA	
Image Sensor	1/2.8" 2.4M CMOS Sensor
Total Pixels	1981(H) x 1288(V)=2.55M Pixels
Active Pixels	1944(H) x 1212(V)=2.35M Pixels
Scanning System	Progressive Scan
Resolution	1920x1080, 1280x1024, 1280x960, 1280x720, 1024x768, ~ 640x480, 640x360, 320x240 (All 60fps)
Min. Illumination	Color(1/30s) : 0.05lux, BW(1/30s) : 0.005lux
S/N Ratio	50dB
Video Output	NETWORK

LENS	
Lens Type	32x Day & Night Zoom Lens
Zoom Ratio	Optical x32, Digital x30 Zoom
Focal Length	f=4.44mm ~ 142.6mm
Aperture Ratio	F1.6(wide) ~ F4.4(tele)
Angle of View	H : 61.8° (Wide) ~ 2.19° (Tele) / V : 36.2° (Wide) ~ 1.24° (Tele)

PAN / TILT	
Pan	360° Endless
Pan Speed	0.1 ~ 200°/sec
Tilt	-90° ~ +90°
Tilt Speed	0.1 ~ 200°/sec
Preset	255 points, less than 0.05° accuracy

CAMERA FUNCTIONS	
Camera Title	ID / Title / Zoom Ratio / System Message
Day & Night	Auto (ICR) / Color / B/W / Schedule
ACE	Off / Low / Middle / High
DNR	Auto / Off / Low / Middle / High
Defog	Off / On (Auto / Manual)
Digital Image Stabilizer	Off / On
Privacy Mask	Off / On (24 positions)
Digital Slow Shutter	Off / x2 / x4 (/ x8 : 60 or 50fps mode only)
Gain Control	Off / On / Middle / High
White Balance	ATW / AWC / Manual / Indoor / Outdoor
Electric Shutter	Minimum/ Maximum/ Anti Flicker (1 ~ 1/12,000sec)
E.Zoom	x30
Digital Flip	Off / H / V / H&V
Digital I/O	1 Alarm
Remote Control Interface	RJ-45 (10 / 100BASE-T)

NETWORK	
Ethernet	RJ-45 (10 / 100BASE-T)
Video Compression	H.264, H.265, Motion JPEG
Resolution	1920x1080, 1280x1024, 1280x960, 1280x720, 1024x768, ~ 640x480, 640x360, 320x240 (All 60fps)
Streaming Capability	Triple streaming
Alarm	In 1ch / Out 2ch
Audio Compression	G.711 u-law
Audio Communication	Bi-directional audio
IP	IPv4, IPv6
Protocol	TCP/IP, UDP/IP, RTP(UDP), RTP(TCP, RTCP, RTSP, NTP, HTTP, HTTPS, SSL, DHCP, PPPoE, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS
Storage	Micro SD/SDHC/SDXC 2slot
ONVIF	Support
Webpage Language	Korean, English
Web Viewer	Windows 7 / Windows 8 / Windows 10 / MAC OS X IE11, Mozilla Firefox (Window 64bit only), Apple Safari 10 (Mac OS X only)



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