

# Tiandy



TC-H324S Spec:23X/I/E/V3.0

# 2MP 23× Starlight IR PTZ Camera



Lite Series

## KEY FEATURES

- Up to 1920X1080@30fps
- Optical zoom: 23×
- Smart IR, IR Range: 150m
- S+265/H.265/H.264/M-JPEG
- Intelligent monitoring
- Support Human/Vehicle Classification
- Plugin Free
- IP66



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## SPECIFICATIONS

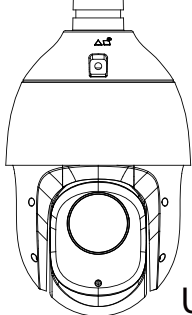
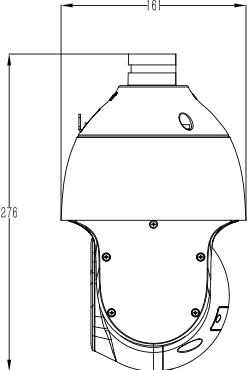
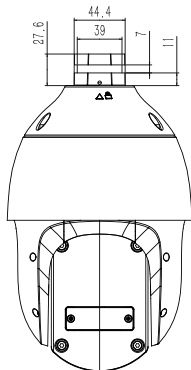
Camera	
Image Sensor	1/2.8" CMOS
Signal System	PAL/NTSC
Min. Illumination	Color: 0.001lux@ (F1.5, AGC ON), BW: 0lux with IR
Shutter Time	1s to 1/100,000s
Day & Night	IR Cut Filter with Auto Switch
Optical Zoom	23X
Digital Zoom	N/A
Lens	
Focal Length	5mm~115mm
Zoom Speed	<4s
Field of View	Horizontal field of view: 55.8° (w)~3.2° (t) Vertical field of view: 32.2° (w)~1.8° (t) Diagonal field of view: 61°(w)~3.64°(t)
Aperture Range	F1.5~F3.0
Focus Control	Auto/Manual
Iris Control	Auto
Close Focus Distance	1 m~1.5 m
Pan&Tilt	
Pan Range	360°
Pan Speed	Pan Manual Speed: 0.1°~80°/s, Pan Preset Speed: 80°/s
Tilt Range	-16°~90° (Default -3°~90°)
Tilt Speed	Tilt Manual Speed: 0.1°~80°/s, Tilt Preset Speed: 80°/s
3D Position	Yes
Preset	500
Preset Accuracy	±0.4°
Cruise	16, up to 32 presets per cruise
Scan	8
Pattern	8, each with 600s memory or 1000 orders
Scheduled Task	Preset、Cruise、Scan、Pattern、Alarm output
Park Action	Yes
Power-off Memory	Yes
Preset Freezing	N/A
Illuminator	
IR LEDs	7
IR Distance	Up to 150m
IR Irradiation Angle	Adjustable by Zoom
White LEDs	N/A
Laser	N/A
Laser Distance	N/A
Compression Standard	
Video Compression	S+265/H.265/H.264/M-JPEG
Video Bit Rate	32Kbps~16Mbps
Audio Compression	G.711A/G.711U/ADPCM_D/AAC_LC
Audio Sampling Rate	8K~48Kbps
Image	
Max. Resolution	2MP (1920x1080)
Main Stream	PAL: 25fps (1920x1080, 1280x720, 704x576, 640x480) NTSC: 30fps (1920x1080, 1280x720, 704x480, 640x480)
Sub Stream	PAL: 25fps (704x576, 704x288, 640x360, 352x288) NTSC: 30fps (704x480, 704x240, 640x360, 352x240)
Third Stream	PAL: 25fps (352x288) NTSC: 30fps (352x240)
BLC	Yes
HLC	Yes
WDR	True WDR

# Tiandy

<b>Image Stabilization</b>	N/A
<b>Fog</b>	Digit
<b>White Balance</b>	Auto/Semi-auto/Manual/Sunny/Natural light/Warm light/Sodium lamp/Incandescent lamp/Locked white balance
<b>AGC</b>	Yes
<b>Noise Reduction</b>	2D/3D
<b>ROI</b>	7 Dynamic Areas for Both Main and Sub Stream
<b>Picture Overlay</b>	Yes
<b>Privacy Mask</b>	N/A
<b>Smart Defog</b>	Yes
<b>Image Setting</b>	Saturation, brightness, contrast, sharpness, adjustable by client software or web browser
<b>Flip</b>	Yes
<b>OSD</b>	16x16, 24x24,32x32, 48x48, 64x64, adaptable size, Letters such as Week, Date, Time, Total 5 Regions
<b>Feature</b>	
<b>Alarm Trigger</b>	Event Input, Event Output, Mask Alarm, Disk Full, Disk R/W Error, IP Address Conflict, MAC Address Conflict, FTP Server Exception
<b>Video Analytics</b>	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost,Heatmap,Video Abnormal, Audio Abnormal
<b>Early Warning(EW)</b>	N/A
<b>Auto-Tracking</b>	N/A
<b>Face Detection and Analytics</b>	
<b>Operating Mode</b>	N/A
<b>Face Detection Performance</b>	N/A
<b>Face Exposure Brightness</b>	N/A
<b>Min. Face Pixel</b>	N/A
<b>Network</b>	
<b>Protocols</b>	HTTP/HTTPS/TCP/UDP/UPnP/SNMP/DHCP/DNS/DDNS/Easy/ DDNS/NTP/SMTP/SSL/802.1X/QoS/IPv4/IPv6/PPPOE/SSH/ Unicast/Multicast/RTMP/RTP/RTSP/NFS/SMB/CIFS/FTP
<b>System Compatibility</b>	ONVIF (PROFILE S/T/G/M), SDK, CGI, P2P
<b>ANR</b>	Auto store video in SD card when NVR disconnected, and upload video to NVR when resumed connection (Only Support Tiandy ANR NVR)
<b>Remote Connection</b>	≤2
<b>User/Host</b>	Up to 32 users. 4 user levels
<b>Web Version</b>	web6
<b>Interface</b>	
<b>Communication Interface</b>	1 RJ45 10M/100M self adaptive Ethernet port
<b>Audio I/O</b>	1/1
<b>Alarm I/O</b>	1/1
<b>Built-In Speaker</b>	N/A
<b>Reset Button</b>	Yes
<b>On-board storage</b>	Built-in Micro SD card slot, up to 512 GB
<b>RS-485</b>	N/A
<b>BNC</b>	N/A
<b>Wiper</b>	N/A
<b>Electronic Compass</b>	N/A
<b>GPS/BDS</b>	N/A
<b>General</b>	
<b>Protection</b>	IP66 , TVS 6000V lightning protection, surge protection and voltage transient protection
<b>Web Client Language</b>	17 languages Simple Chinese/ Traditional Chinese/ English/ Spanish/ Korean/ Italian/ Turkish/ Russian/ Thai/French/ Polish/ Dutch/ Hebraism/ Arabic/ Vietnamese/ German/ Ukrainian
<b>Operating Conditions</b>	-30°C~65°C (IR OFF), -30°C~40°C (IR ON), 0-95%RH
<b>Power Supply</b>	DC12V±10%/POE+(IEEE802.3 at)
<b>Power Consumption</b>	7.3W(IR OFF),18.5W(MAX)
<b>Heater</b>	N/A
<b>Material</b>	ADC 12, PC+ABS
<b>Package/Boundary Dimensions</b>	Φ250x445mm (Φ161x276mm)
<b>Gross/Net Weight</b>	3.8kg (2.1kg)

\* Listed resolutions are only selectable options. It does not mean that all streams can work at their maximum resolution at the same time.

**DIMENSIONS**



Unit: mm

**INCLUDED**



TC-P52BM Spec: 4  
Wall Mount

**ACCESSORIES**



A37  
Installation Adapter



DF21Y  
Pendant Mount



A36  
Pole Mount



A35  
Corner Mount



811  
Junction Box

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