

# Tiandy



TC-H389M Spec: 44X/LW/P/A

## 8MP 44x Super Starlight Laser AEW Panoramic PTZ Camera



Ultra Series

### KEY FEATURES

#### PTZ Camera

- Auto-Tracking Early Warning (AEW)
- Up to 1920×1080@60fps
- Min. illumination Color: 0.0008Lux@F1.5
- Optical zoom: 44×, digital zoom 16×

#### Panaromic Camera

- Four 1/1.8" CMOS
- Up to 4096×1800@30fps
- Horizontal: 180°, Vertical: 74°
- Built-in Speaker
- Support Human/Vehicle Classification
- S+265/H.265/H.264/M-JPEG
- IP66



**Tiandy Technologies Co.,Ltd.**

Email: [sales@tiandy.com](mailto:sales@tiandy.com)  
Website: [en.tiandy.com](http://en.tiandy.com)

Tel: +86-22-58596065  
Fax: +86-22-58596048



## SPECIFICATIONS

PTZ Camera :	
Image Sensor	1/1.8" CMOS
Signal System	PAL/NTSC
Min. Illumination	Color: 0.0008Lux@ (F1.5, ACG ON)
Shutter Time	1s to 1/100,000s
Day & Night	Dual IR Cut Filter
Wide Dynamic Range	140dB
Focal Length	6mm ~ 264mm, 44× optical lens
Digital Zoom	16×
Zoom Speed	<5s
Angle of View	Horizontal filed of view: 61.2° (w) ~ 2° (t)
Aperture Range	F1.5~F4.8
Pan Range	360°
Pan Speed	Pan Manual Speed: 0.1°~160°/s, Pan Preset Speed: 200°/s
Tilt Range	-16°~90° (Auto flip)
Tilt Speed	Tilt Manual Speed: 0.1°~120°/s, Tilt Preset Speed: 120°/s
3D Position	Yes
Presets	500
Preset Accuracy	±0.3°
Scan	8
Cruise	16, up to 32 presets per cruise
Pattern	8, each with 600s memory or 1000 orders
Power-off Memory	Yes
RS-485 Protocols	DOME_PELCO_D, DOME_PELCO_P, DOME_PLUS
Max. Resolution	1920×1080
Main Stream	PAL: 50fps (1920×1080, 1280×960, 1280×720) NTSC: 60fps (1920×1080, 1280×960, 1280×720)
Sub Stream	PAL: 25fps (704×576, 704×288, 352×288) NTSC: 30fps (704×480, 704×240, 352×240)
Sub Stream	PAL: 25fps (1920×1080, 1280×960, 1280×720, 640×480, 704×576, 352×288) NTSC: 30fps (1920×1080, 1280×960, 1280×720, 640×480, 704×480, 352×240)
Panaromic Camera	
Image Sensor	Four 1/1.8" CMOS
Signal System	PAL/NTSC
Min. Illumination	Color: 0.01Lux@ (F2.2, ACG ON)
Shutter Time	1s to 1/100,000s
Focal Length	5mm
Aperture	F2.2
Angle of View	Horizotal: 180°, Verticle: 74°
Max. Resolution	4096×1800
Main Stream	PAL: 25fps (4096×1800, 3840×1680, 2720×1192) NTSC: 30fps (4096×1800, 3840×1680, 2720×1192)
Sub Stream	PAL: 25fps (704×320) NTSC: 30fps (704×320)
Third Stream	PAL: 25fps (1280×560) NTSC: 30fps (1280×560)
Illuminator	
IR LEDs	N/A
IR Range	N/A
White LEDs	4
Laser	Yes
Laser Distance	500m
Compression Standard	
Video Compression	S+265/H.265/H.264/M-JPEG

# Tiandy

<b>Video Bit Rate</b>	32 Kbps to 16 Mbps
<b>Audio Compression</b>	G.711A/G.711U/ADPCM/AAC
<b>Audio Bit Rate</b>	8K~48Kbps
<b>Feature</b>	
<b>Alarm Trigger</b>	Harsh Voice Alarm, Motion Detection, Mask Alarm, Port Alarm, Network Disable Alarm, IP Conflict, MAC Conflict Detection
<b>Video Analytics</b>	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Running, Parking, Face Detection, People Counting, Crowded, On Duty Detection, Video Abnormal, Audio Abnormal, Heatmap, Safety Helmet Detection
<b>Early Warning(EW)</b>	Yes
<b>Auto-Tracking</b>	Yes
<b>Image Setting</b>	Saturation, brightness, contrast, sharpness, adjustable by client software or web browser
<b>Image Enhancement</b>	BLC/3D DNR/HLC
<b>ROI</b>	7 Dynamic Areas for Both Main and Sub Stream, support auto-tracking ROI
<b>OSD</b>	16×16, 24×24,32×32, 48×48, 64×64, 96×96, adaptable size, Letters Such as Week, Date, Time, Total 5 Regions
<b>Picture Overlay</b>	Yes
<b>Privace Mask</b>	Yes
<b>Smart Defog</b>	Yes
<b>Network</b>	
<b>Protocols</b>	TCP/IP, ICMP, HTTP, HTTPS, DHCP, DNS, DDNS, MULTICAST, UPnP, FTP, IPV4, NTP, RTSP, SMTP, IGMP, QoS, PPPoE
<b>System Compatibility</b>	ONVIF (PROFILE S), 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>	≤7
<b>Client</b>	Easy7, EasyLive
<b>Web Version</b>	Web5
<b>Interface</b>	
<b>Communication Interface</b>	1 RJ45 10M/100M/1000M self adaptive Ethernet port
<b>Audio</b>	1/1
<b>Alarm</b>	8/2
<b>Reset Button</b>	Yes
<b>On-board storage</b>	Built-in MicroSD card slot, up to 128 GB
<b>RS-485</b>	Yes
<b>BNC</b>	Yes
<b>Wiper</b>	N/A
<b>General</b>	
<b>Firmware Version</b>	NVSS_V15.2.0.20180828
<b>Web Client Language</b>	11 languages English, Russian, Spanish, Korean, Italian, Turkish, Simple Chinese, Traditional Chinese, Thai, French, Polish
<b>Operating Conditions</b>	-30°~65°C, 0-95% RH
<b>Power Supply</b>	AC24V±15%
<b>Power Consumption</b>	85W (IR OFF), 110W (IR ON )
<b>Protection</b>	IP66
<b>Heater</b>	N/A
<b>Dimensions</b>	Φ358x568 mm (Φ14.09×22.36 inch)
<b>Weight</b>	16kg (35.27lb)

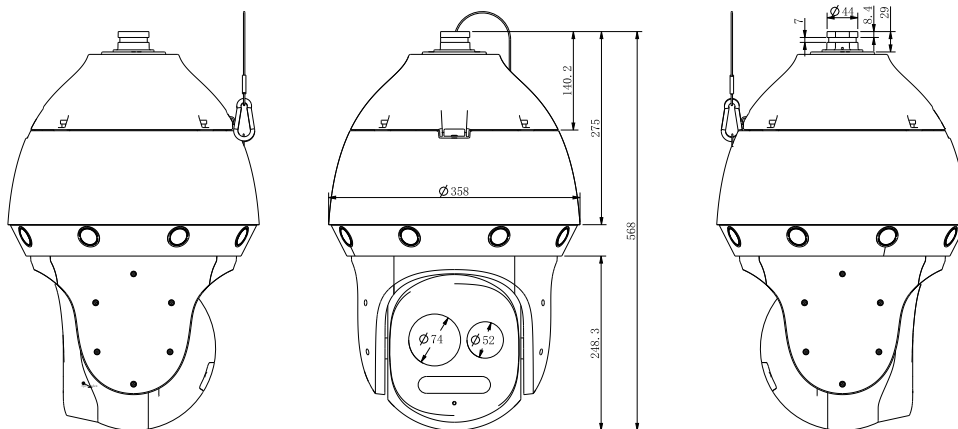
\* Listed resolutions are only selectable options. It does not mean that all streams can work at their maximum resolution at the same time.

## AVAILABLE MODEL

## TC-H389M SPEC: 44X/LW/P/A

# Tiandy

## DIMENSIONS (Unit: mm)



## ACCESSORIES

### INCLUDED:



DF20Y  
Wall Mount

### OPTIONAL:



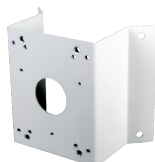
A37  
Installation Adapter



A38  
Ceiling Mount



DF21Y  
Pendant Mount



A35  
Corner Mount



A36  
Pole Mount



811  
Junction Box

DISTRIBUTED BY



**Tiandy Technologies Co.,Ltd.**

Email: [sales@tiandy.com](mailto:sales@tiandy.com)  
Website: [en.tiandy.com](http://en.tiandy.com)

Tel: +86-22-58596065  
Fax: +86-22-58596048