

# Tiandy



TC-H326M Spec:44X/IW/A

# 2MP 44× Super Starlight IR AEW AI PTZ Camera



Ultra Series

## KEY FEATURES

- Auto-tracking Early Warning (AEW)
- Up to 1920×1080@60fps
- Min. illumination Color: 0.0008Lux@F1.6
- Optical zoom: 44×, digital zoom 16×
- Smart IR, IR Range: 200m
- Support Realtime Brightness Function
- Support Human/Vehicle Classification
- Built-in Speaker
- S+265/H.265/H.264/M-JPEG
- Intelligent monitoring/ Face Capture mode
- Laser Point
- Plugin Free
- IP66
- Surge Protection 6KV
- CE, FCC



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## SPECIFICATIONS

| Camera               |  |
|----------------------|--|
| Image Sensor         | 1/1.8" CMOS  |
| Signal System        | PAL/NTSC   |
| Min. Illumination    | Color: 0.0008lux@ (F1.6, ACG ON), BW: 0lux with IR   |
| Shutter Time         | 1s to 1/100,000s   |
| Day & Night          | Dual IR Cut Filter with Auto Switch  |
| Wide Dynamic Range   | 140dB  |
| Optical Zoom         | 44x  |
| Digital Zoom         | 16x  |
| Lens                 |  |
| Focal Length         | 6mm~264mm  |
| Zoom Speed           | <5s  |
| Angle of View        | Horizontal filed of view : 61.8° (w)~2.3° (t)<br>Vertical filed of view : 36.3° (w)~1.3° (t)               |
| Aperture Range       | F1.6~F5.3  |
| Pan&Tilt             |  |
| Pan Range            | 360°   |
| Pan Speed            | Pan Manual Speed: 0.1°~180°/s, Pan Preset Speed: 240°/s  |
| Tilt Range           | -16°~90° (Auto flip)   |
| Tilt Speed           | Tilt Manual Speed: 0.1°~120°/s, Tilt Preset Speed: 180°/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  |
| Illuminator          |  |
| IR LEDs              | 8  |
| IR Range             | Up to 200m   |
| IR Irradiation Angle | Adjustable by Zoom   |
| White LEDs           | 2  |
| 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 Bit Rate       | 8K~48Kbps  |
| Image                |  |
| Max. Resolution      | 2.0MP (1920×1080)  |
| Main Stream          | PAL: 50fps (1920×1080, 1280×960, 1280×720, 704×576, 640×480)   |
|                      | NTSC: 60fps (1920×1080, 1280×960, 1280×720, 704×480, 640×480)  |
| Sub Stream           | PAL: 25fps (704×576, 704×288, 640×360, 352×288)  |
|                      | NTSC: 30fps (704×480, 704×240, 640×360, 352×240)   |
| Third Stream         | PAL: 25fps (704×576, 704×288, 352×288)   |
|                      | NTSC: 30fps (704×480, 704×240, 352×240)  |
| Image Setting        | Saturation, brightness, contrast, sharpness, adjustable by client software or web browser                  |
| Image Enhancement    | BLC/3D DNR/HLC   |
| ROI                  | 7 Dynamic Areas for Both Main and Sub Stream, support auto-tracking ROI                                    |
| OSD                  | 16×16, 24×24,32×32, 48×48, 64×64, 96×96, adaptable size, Letters Such as Week, Date, Time, Total 5 Regions |
| Picture Overlay      | Yes  |
| Privacy Mask         | Yes  |
| Smart Defog          | Yes  |



| Feature                      |  |
|------------------------------|--|
| Alarm Trigger                | Event Input, Event Output, Motion Detection, Mask Alarm, Disk Full, Disk R/W Error, IP Address Conflict, MAC Address Conflict, FTP Server Exception  |
| Video Analytics              | Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Running, Parking, Heatmap, Video Abnormal, Crowd, Audio Abnormal, Demographics(People Counting), On Duty Detection, Safety Helmet Detection, Auto tracking, Face Capture |
| Early Warning(EW)            | Yes  |
| Auto-Tracking                | Yes  |
| Face Detection and Analytics |  |
| Operating Mode               | Face capture, intelligent monitoring optional, default intelligent monitoring  |
| Face Detection Performance   | Detects up to 16 faces at the same scene   |
| Face Exposure Brightness     | Default 35, 1~100 brightness optional  |
| Min. Face Pixel              | Default 80, 19~1920 optional   |
| Precautionary Alert          | Three level  |
| Network                      |  |
| Protocols                    | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTSP, PPPoE, NTP, UPnP, SMTP, IGMP, QoS, IPV4, IPV6, MULTICAST, RTMP  |
| System Compatibility         | ONVIF (PROFILE S/T/G), SDK, CGI, P2P   |
| ANR                          | Auto store video in SD card when NVR disconnected, and upload video to NVR when resumed connection (Only Support Tiandy ANR NVR)   |
| Remote Connection            | ≤7   |
| Client                       | Easy7, EasyLive  |
| Web Version                  | web6 (Internet Explorer, Google Chrome, Mozilla Firefox)   |
| Interface                    |  |
| Communication Interface      | 1 RJ45 10M/100M self adaptive Ethernet port  |
| Audio                        | 1/1  |
| Alarm                        | 8/2  |
| Speaker                      | Yes  |
| Reset Button                 | Yes  |
| On-board storage             | Built-in Micro SD card slot, up to 256 GB  |
| RS-485                       | Yes  |
| BNC                          | Yes  |
| Wiper                        | Yes  |
| General                      |  |
| Firmware Version             | -  |
| Web Client Language          | 15 languages<br>Simplified Chinese, Traditional Chinese, English, Spanish, Korean, Italian, Turkish, Russian, Thai, French, Polish, Dutch, Hebrew, Arabic, Vietnamese  |
| Operating Conditions         | -30°C~70°C, 0-95%RH  |
| Power Supply                 | AC24V±15%  |
| Power Consumption            | 22W(IR OFF), 43W(IR ON)  |
| Protection                   | IP66   |
| Heater                       | N/A  |
| Dimensions                   | Φ222x372mm(Φ8.74×14.65inch)  |
| Weight                       | 5.45kg(12.02lb)  |

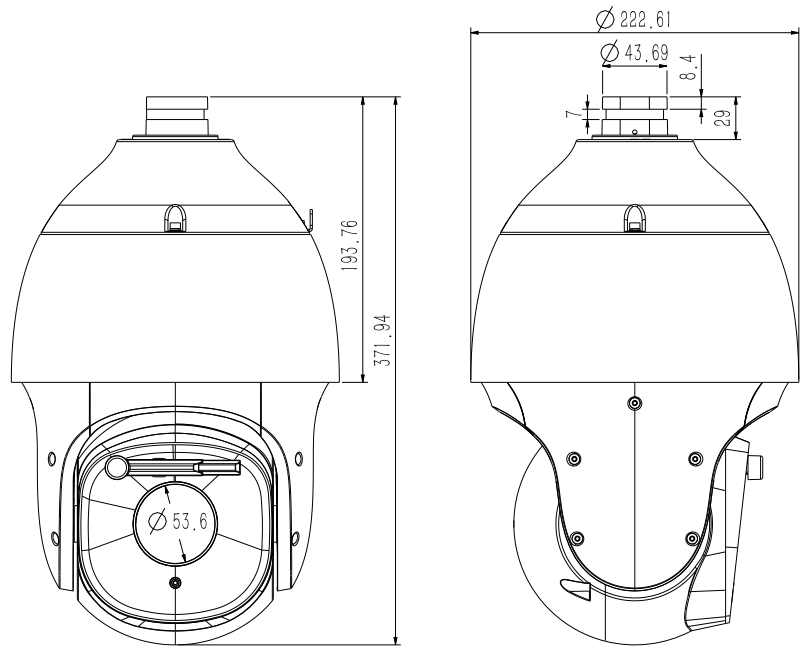
\* Listed resolutions are only selectable options. It does not mean that all streams can work at their maximum resolution at the same time.

## AVAILABLE MODEL

# TC-H326M SPEC:44X/IW/A

# Tiandy

## DIMENSIONS (Unit: mm)



## ACCESSORIES

### INCLUDED



DF20Y  
Wall Mount

### OPTIONAL



A37  
Installation Adapter



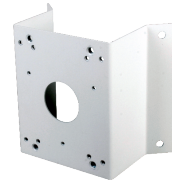
A38  
Ceiling Mount



DF21Y  
Pendant Mount



A36  
Pole Mount



A35  
Corner Mount



811  
Junction Box

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