

# TC-NH6244ISA-G

H.265 2MP 44x Super Starlight AEW IR PTZ

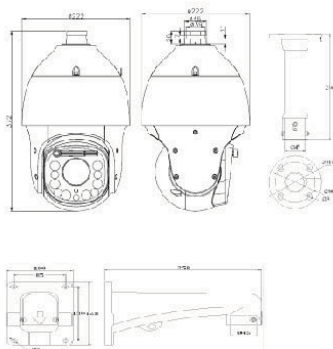
# Tiandy



## Features

- Autotracking Early Warning(AEW)
- IR LED+White Light+Green Laser
- Super Starlight Ultra Low Light 0.0008lux
- H.265/H.264 HP/MP/BP/M-JPEG Codec
- Up to 1920x1080@60fps
- Mechanical WDR 140dB
- Smart IR, IR Range: 400m
- Min. Illumination Color: 0.0008 Lux,B/W: 0.0001 Lux, 0 Lux with IR
- NIR, WDR, 3D DNR, HLC, Dual-ICR, AWB, AGC, BLC
- VCA Tripwire/Double Tripwire/Perimeter/Object Abandon/Object Lost/Running/Loitering/Parking/Early Warning/Crowd/Audio Abnormal Detection/Video Abnormal Detection/Face Detection/People Counting/On duty Detection/Auto tracking
- Optical Zoom: 44x, Digital Zoom: 16x
- Speed Max 400°/s, -16~90° Tilt Angle
- Interface Built-in Mic,Built-in Speaker,Audio in/out 1/1,Alarm in/out 8/2,MicroSD Card Slot, up to 128GB, Reset Button,RS-485,BNC
- TVS 6000V, Lightning/Surge 4000V Protection, IP67
- Operating Conditions -40°C-70°C, 0~95% RHG

## Dimensions



## Bracket(Optional)

Model: DF20

DF21



<b>Camera</b>	
Image Sensor	1/1.8" CMOS
Effective Pixels	1920(H)x1080(V)
Signal System	PAL/NTSC
Minimum Illumination	Color: 0.0008 Lux @(F1.6,AGC ON) Black&White:0.0002Lux @(F1.6,AGC ON)
White Balance	Auto/ ATW/ Manual
AGC	Auto/ Manual
S/N Ratio	≥ 55dB
BLC	Y
HLC	Y
Smart Defog	Y
WDR	140dB
Digital Noise Reduction	3D DNR
Exposure Mode	Auto/ Manual/ Iris First/ Shutter First
Shutter Time	1/1s-1/10000s
Day& Night	Dual-ICR
Digital Zoom	16x
Privacy Masking	24 Dynamic Privacy Masks; Optional Multiple Colors
Auto Focus	Auto/ Semi-automatic/ Manual
OSD	16x16,32x32,24x24,48x48,64x64,96x96 Character Size
<b>Lens</b>	
Focal Length	4.9-216mm, 44x
Zoom Speed	Approx.5s(Optical Wide-Tele)
Angle of View	60°(w)~2°(t)
Minimum Working Distance	1-1.5m(Wide-Tele)
Aperture Range	F1.5 ~ F4.8
<b>Pan &amp; Tilt</b>	
Pan Range	360°endless
Pan Speed	Pan Manual Speed: 0.1°-400°/s Pan Preset Speed: 240°/s stepless
Preset Accuracy	±0.2°
Tilt Range	-16°-90° (Auto Flip )
Tilt Speed	Tilt Manual Speed: 0.1°-400°/s Tilt Preset Speed: 240°/s
Proportional Zoom	Rotation Speed Can Be Adjusted Automatically According to Zoom Multiples
3D Position	Y
Number of Preset	500
Scan	8
Cruise	8, up to 32 Presets per Cruise
Pattern	8, Each One With 600s Memory or 300 Orders
Power loss recovery	Y
Guard Action	Preset/ Cruise/ Pattern/ Scan
PTZ Position Display	Y
Freeze Frame	Y
RS-485 Protocols	PTZ_PELCO_D, PTZ_PELCO_P, PTZ_TC615_P, DOME_PELCO_D.
<b>Infrared</b>	
IR Irradiation Distance	400m
IR Irradiation Angle	Adjustable by Zoom
<b>Interface</b>	
Audio Input	1-ch Mic in(Line in Interface)
Audio Output	1-ch, Line level, Impedance: 600Ω, Built-in speaker optional
Ethernet	1-ch RJ45 10M/ 100M
Alarm Input	8-ch
Alarm Output	2-ch
On-board Storage	MicroSD Card Slot, up to 128GB
BNC	1.0Vp-p / 75Ω, NTSC (or PAL) Composite
RS-485	1-ch
Extension	N/A
<b>Network</b>	
Ethernet	10Base -T/100Base-TX RJ45 Connector
Max.Image Resolution	1920x1080
Main Stream	1920x1080@25/30fps;1920x1080@50/60fps;1280x960@25/30fps;1280x960@50/60fps;
Sub Stream	704x576@25/30fps;704x480@25/30fps; 704x288@25/30fps;704x240@25/30fps;
Third Stream	1280x720@25/30fps;640x480@25/30fps;704x576@25/30fps; 704x480@25/30fps;704x576@25/30fps;704x480@25/30fps;
Image Compression	H.265/H.264, Encoding with Baseline/Main/High Profile
ROI Encoding	8 Dynamic Areas for Both Main and Sub Stream
Audio Compression	G711A/G711U/ADPCM/AAC
Protocols	IPV4/IPV6/ HTTP/ HTTPS/ 802.1x/ Qos/ FTP/ SMTP/ UPnP/ SNMP/ DNS/ DDNS/
Remote Connection	10 Users Access at the Same Time
User Permission	Up to 32 Users, 4 Levels User Authentication (ID and PW), Host Authentication (MAC Address) IP Address Filtering
Security Measures	
Web Browser	IE8,IE9,IE10,IE11,Firefox24
System Compatibility	ONVIF (Profile S), SDK
<b>Advance</b>	
Autotracking Early	Keep tracking the target that activates alarming, and enable the speaker to warn,
Video Analytics(IVA)	Tripwire/Double Tripwire/Perimeter/Object Abandon/Object
Smart-tracking	By Manual/ Panorama/Tripwire/ Perimeter/Early warning trigger
Intelligent Alarm	Harsh Voice Alarm, Motion Ddetection, Mask Alarm, Port Alarm,Network Disable
<b>General</b>	
Language	English, Spanish,Korean,Italian, Turkish,Thai, Russian,Traditional Chinese,Simplified
Operating Conditions	-40°C-70°C, 0~95% RHG
Power Supply	AC24V 3A
Power Consumption	18.55W(IR OFF)/ 35.5W(IR ON )
Circuit Protection	TVS 6000V, Lightning/ Surge 4000V Protection
Impact Protection	IP67
Wiper	Y
Dimensions	372mmx222mmx222mm
Weight	5.45KG (IP PTZ Only), 8.15KG (with Packing Box)

\* The latest product information / specification can be found at <http://en.tiandy.com/>

CE FC RoHS

Tiandy Digital Technology Co., Ltd. | [en.tiandy.com](http://en.tiandy.com)

Addr: No.8, Huake Rd2, Binhai Hi-Tech Industry(Huayuan), Tianjin 300384 China

Tel: +86-22-58596037 Email: [sales@tiandy.com](mailto:sales@tiandy.com)

