

TC-NH6233IA-G

H.265 2MP 33x Starlight Autotracking IR PTZ

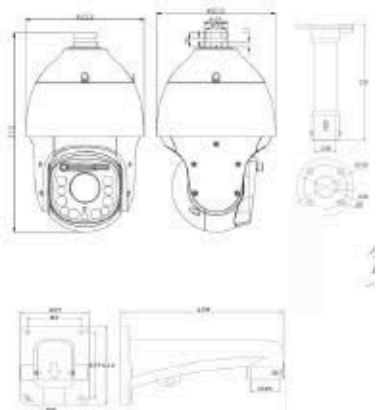
Tiandy



Features

- Autotracking Early Warning(AEW)
- IR LED+White Light+Green Laser
- Starlight Ultra Low Light 0.002Lux
- H.265/H.264 HP/MP/BP/M-JPEG Codec
- Up to 1920×1080@60fps
- Mechanical WDR 140dB
- Smart IR, IR Range: 200m
- Min. Illumination Color: 0.002 Lux,B/W: 0.001 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: 33x, 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
- CE, FCC

Dimensions



Bracket(Optional)

Model: DF20

DF21



Camera	
Image Sensor	1/2.8" CMOS
Effective Pixels	1920(H)x1080(V)
Signal System	PAL/NTSC
Minimum Illumination	Color: 0.002 Lux @(F1.6,AGC ON) Black&White:0.001Lux @(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-1/100000s
Day& Night	Dual-ICR
Digital Zoom	16x
Privacy Masking	24 Dynamic Privacy Mask Programmable; Optional Multiple Colors
Auto Focus	Auto/ Semi-automatic/ Manual
OSD	16×16,32×32,24×24,48×48,64×64 Character Size
Lens	
Focal Length	4.6-152mm, 33x
Zoom Speed	Approx.5s(Optical Wide-Tele)
Angle of View	62.1°(w)~2.18°(t)
Minimum Working Distance	1-1.5m(Wide-Tele)
Aperture Range	F1.6 ~ F4.8
Pan & Tilt	
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,
Infrared	
IR Irradiation Distance	200m
IR Irradiation Angle	Adjustable by Zoom
Interface	
Audio Input	1-ch Mic in(Line in Interface)
Audio Output	Built-in Speaker
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
Network	
Ethernet	10Base -T/100Base-TX RJ45 Connector
Max.Image Resolution	1920×1080
Main Stream	1920×1080@25/30fps;1920×1080@50/60fps; 1280×960@25/30fps;1280×960@50/60fps;
Sub Stream	704×576@25/30fps;704×480@25/30fps; 704×288@25/30fps;704×240@25/30fps;
Third Stream	1280×720@25/30fps;640×480@25/30fps;704×576@25/30fps; 704×480@25/30fps;704×576@25/30fps;704×480@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
Advance	
Autotracking Early	Keep tracking the target that activates alarming, and enable the speaker to warn, even
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
General	
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	18.6W(IR OFF)/ 35.5W(IR ON)
Circuit Protection	TVS 6000V, Lightning/ Surge 4000V Protection
Impact Protection	IP67
Wiper	Y
IR LEDs	8pcs
White Light LEDs	2pcs
Dimensions	372mmx222mmx222mm
Weight	5.3KG (IP PTZ Only), 8.75KG (with Packing Box)

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



Tiandy Digital Technology Co., Ltd. | en.tiandy.com

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

Tel: +86-22-58596037 Email: sales@tiandy.com

