

# TC-NH9806S6-2MP-A

2MP 30x Auto-tracking PTZ

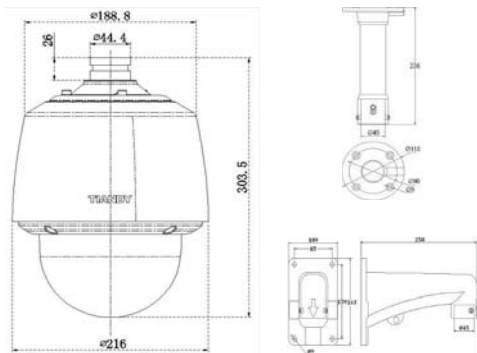
# Tiandy



## Key Features

- Up to 1920X1080 High Resolution
- Speed Max 600°/s, -15~90° Tilt Angle
- Optical Zoom 30x, Digital Zoom 16x
- NIR, WDR, 3D DNR, HLC, Dual-ICR, AWB, AGC, BLC
- Triple Streams
- MicroSD Card Slot, up to 128GB
- Auto-tracking, Facial Detection, Tripwire Detection, Perimeter Detection
- Smart Defog
- TVS 6000V, Lightning/Surge 4000V Protection, IP67
- Temperature -40°C-70°C
- CE, FCC, RoHS

## Dimensions



## Bracket



Model: TC-DF20



Model: TC-DF21

<b>Camera</b>	
Image Sensor	1/2.8" Sony Progressive Scan CMOS
Effective Pixels	1920(H)x1080(V)
Signal System	PAL/NTSC
Minimum Illumination	Color 0.05Lux @(F1.6 , 50 IRE , ICR off) B/W 0.01Lux @(F1.6 , 50 IRE , ICR on)
White Balance	Auto/ATW/Manual
AGC	Auto/Manual
S/N Ratio	≥ 50dB
BLC	Y
HLC	Y
Smart Defog	Y
WDR	100dB
Digital Noise Reduction	3D DNR
Exposure Mode	Auto/Manual/Iris First/Shutter First
Shutter Time	1/25-1/10000S
Day&Night	IR Cut Filter with Auto Switch
Digital Zoom	16X
Privacy Mask	24 Priacy Masks Programmable; Optional Multiple Colors
Auto Focus	Auto/ Semi-automatic/ Manual
OSD	16x16,32x32,24x24,48x48,64x64 Character Size Time, Date, Week, Character Superposition in 5 Regions PTZ Angle Superposition
<b>Lens</b>	
Focal Length	4.3-129mm, 30x
Zoom Speed	Approx.5s(Optical Wide-Tele)
Angle of View	65.1°(w) ~2.34°(t)
Minimum Working Distance	0.01~1.2m(Wide-Tele)
Aperture Range	F1.6~ F5.0
<b>Pan &amp; Tilt</b>	
Pan Range	360° Endless
Pan Speed	Pan Manual Speed 0.1° ~300°/s (Stepless Speed) Pan Preset Speed 600°/s
Preset Accuracy	±0.05°
Tilt Range	-15°~90°Auto Flip
Tilt Speed	Tilt Manual Speed 0.1°~240°/s Tilt Preset Speed 400°/s
Proportional Zoom	Rotation Speed Can Be Adjusted Automatically According to Zoom Multiples
3D Position	Y
Number of Preset	256
Scan	8
Cruise	8, Up to 32 Presets per Cruise
Pattern	8, Each One With 180s Memory or 300 Commands
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 , DOME_PELCO_P , DOME_PLUS
<b>Interface</b>	
Audio Input	1-ch Mic In(Line in Interface) Line Input 2-2.4V(p-p); Output Impedance 1KΩ, ±10%
Audio Output	1-ch Line Level
Ethernet	1-ch RJ45 10M / 100M
Alarm Input	8-ch
Alarm Output	2-ch
On-board Storage	Micro SD Card Slot, up to 128 GB
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	50Hz 25fps(1920x1080), 25fps(1280x960), 25fps(1280x720) 60Hz 30fps(1920x1080), 30fps(1280x960), 30fps(1280x720)
Sub Stream	50Hz 25fps(704x576), 25fps(352x288), 25fps(176x144) 60Hz 30fps(704x480), 30fps(352x240), 30fps(176x120)
Third Stream	50Hz 25fps(1920x1080), 25fps(1280x960), 25fps(1280x720), 25fps(704x576), 25fps(352x288), 25fps(176x144) 60Hz 30fps(1920x1080), 30fps(1280x960), 30fps(1280x720), 30fps(704x480), 30fps(352x240), 30fps(176x120)
Image Compression	H.264/MJPEG, H.264 Encoding with Baseline/Main/High Profile
ROI encoding	4 Areas with Adjustable Levels
Audio Compression	G711A/G711U/ADPCM/AAC
Protocols	IPV4/IPV6/ HTTP/ HTTPS/ 802.1x/ Qos/ FTP/ SMTP/ UPnP/ SNMP/ DNS/ DDNS/ NTP/ RTP/ TCP/ UDP/ IGMP/ ICMP/ DHCP/ PPPoE
Remote Connection	2 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	IP Address Filtering
Web Browser	IE8, IE9, IE10, IE11, Chrome30, Firefox24
System Compatibility	ONVIF (Profile S), SDK, CGI
<b>Advance</b>	
Video Analytic(VCA)	Tripwire, Perimeter, Counting, Loitering/Crowd/Parking Detection, Missing/Foreign Object, Face Detection
Smart-tracking	Manual/ Panorama/Tripwire/ Perimeter trigger
Intelligent Alarm	Motion Ddetection, Mask Alarm, Port Alarm, Network Disable Alarm, IP Conflict, MAC Conflict Detection
<b>General</b>	
Language	English, Spanish, Korean, Italian, Turkish, Thai, Russian, Traditional Chinese
Operating Conditions	-40°C-70°C, 0 ~95% RHG
Power Supply	AC24V 2A Independent External Power Adapter
Power Consumption	17.2 W/19.3 W(ICR Instant Switch)
Circuit Protection	TVS 6000V, Lightning/Surge 4000V Protection
Impact Protection	IP67
Dimensions	298mmx216mmx216mm
Weight	3.7KG (IP PTZ Only), 6KG (With Packing Box)

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



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