

## 2MP In-ceiling 20x Speed Dome



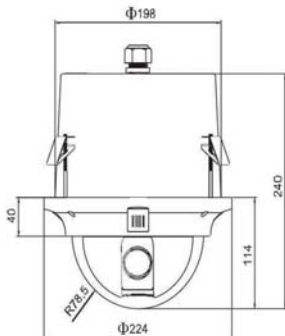
### MODEL

TC-NH9616S6-2MP

### FEATURES

- Up to 1920X1080 High Resolution
- Full HD 1080P Video
- Speed Max 600°/s, -15~90° Tilt Angle
- Optical Zoom 20x, Digital Zoom 16x
- WDR, 3D DNR, HLC, Dual-ICR, AWB, AGC, BLC
- Triple Streams
- On-board Storage, Up to 64GB
- Tripwire Detection
- Perimeter Detection
- Smart Defog
- TVS 4000V, Lightning/Surge 4000V Protection
- Temperature -40°C~65°C

### DIMENSIONS



### SPECIFICATIONS

<b>Camera</b>	
Image Sensor	1/2.8" Sony Progressive Scan CMOS
Effective Pixels	1280(H)x1080(V)
Signal System	PAL/NTSC
Minimum Illumination	Color 0.05Lux @(F1.6,50 IRE,ICR off) B/W0.01Lux @(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	Dual-ICR
Digital Zoom	16x
Privacy Masking	4 Privacy 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	4.7mm~94mm, 20x
Zoom Speed	Approx.2.6s(Optical Wide-Tele)
Angle of View	54.8°(w)~3.4°(t)
Minimum Working Distance	0.2m~1.0m
Aperture Range	F1.6~F2.7
<b>Pan &amp; Tilt</b>	
Pan Range	360° Endless
Pan Speed	Pan Manual Speed 0.05°~300°/s (Stepless Speed) Pan Preset Speed 600°/s
Preset Accuracy	±0.05°
Tilt Range	-15°~90°Auto Flip
Tilt Speed	Tilt Manual Speed 0.05°~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 Orders
Power Loss Recovery	Y
Guard Action	Preset/ Cruise/ Pattern/ Scan
PTZ Position Display	Y
Freeze Frame	Y
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)
Audio Output	1-ch Line Level
Communication Interface	1-ch RJ45 10M, 100M Ethernet
Alarm Input	1-ch
Alarm Output	1-ch
On-board Storage	Built-in Micro SD, SDHC, SDXC Card Slot, up to 64 GB
BNC Output & RS485 Interface	N/A
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(352x288), 25fps(176x144) 60Hz 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/ RTSP/ RTP/ TCP/ UDP/ IGMP/ ICMP/ DHCP/ PPPoE
No. of Simultaneous Users	Up to 2 Users
Mini SD Card	Manual REC/ Alarm REC.
User/Host Level	Up to 32 Users, 4 Levels
Security Measures	User Authentication (ID and PW), Host Authentication (MAC Address) IP Address Filtering
Web Browser	IE 7+, Chrome 18+, Firefox 5.0+
<b>Advance</b>	
IVA	Tripwire, Perimeter, Alarm Counting
Intelligent Alarm	Motion Detection, Cover Alarm, Port Alarm, Network Disable Alarm, IP Conflict, MAC Conflict Detection
<b>General</b>	
Language	English, Simple Chinese
Operating Conditions	-40°C~65°C, 0~95% RHG
Power Supply	AC24V 2A Independent External Power Adapter
Power Consumption	25W MAX
Circuit Protection	TVS 4000V, Lightning/ Surge 4000V Protection
Dimensions	240mmx224mmx224mm
Weight	3.5KG (IP PTZ Only); 5KG(With Packing Box)