

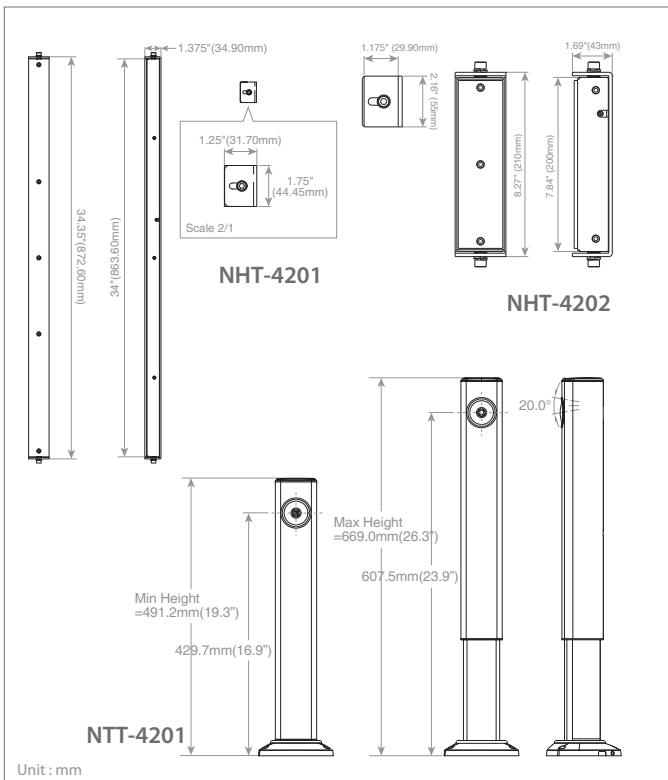
### Key Functions

- Auto Exposure, Auto White Balance
- Triple Stream(H.264, MPEG4, MJPEG)
- Onvif Profile S
- East Install : Zero Configuration, Discovery, PoE
- Event Boosting, FTP Image Upload, Web Casting, Open VPN, QoS, IP Filtering
- Cross Web Browsing(IE, Safari, Firefox, Chrome)
- Privacy Masking
- AIHM Event
- Event Buffering

### Software

- SmartManager
- NC-Titanium
- Tive HD
- Titanium Plus VMS

### Dimension



# NHT-4201/4202/NTT-4201

## Full HD Specialty Network Camera

### Key Features

- Full HD(1920x1080) Resolution
- 4.0mm Fixed Pin Hole Lens(F=2.0)/3.7mm Fixed Lens(F=1.8, NTT-4201)
- SD Card Up to 32GB
- PoE, 12VDC

#### NHT-4201

- Eye Level Height Camera
- In & Out Control Application

#### NHT-4202

- Eye Level Height Camera
- In & Out Control Application(Door Closer)

#### NTT-4201

- Tower Camera
- Bank Application

### Technical Specifications

Model	NHT-4201	NHT-4202	NTT-4201
<b>IMAGE</b>			
Lens	Fixed-Focal 4.3mm Pin Hole, F2.0		Fixed-Focal 3.7mm, F1.8
Angle of View	75°(H)		90°(H)
Image Sensor	Type	1/2.8"SONY Exmor CMOS Sensor	
	Pixels	2,000(H)x1,241(V)	
Min. Illumination	Color : 1.0 Lux@F2.0, 50IRE		Color : 0.2 Lux@F1.8, 50IRE BW : 0.01 Lux@F1.8, 50IRE
Scanning Mode	Progressive Scan		
Wide Dynamic Range	Digital WDR(ATR-EX)		
Day and Night Mode	Day	True Day & Night	
Noise Reduction	2DNR		
Digital Zoom	Yes(ROI)		
Exposure Control	Auto, Hold Current		
White Balance Control	Auto, Incandescent, Fluorescent, Outdoor		
Back Light Compensation	Yes		
Image Effect	Flip, Mirror		
Flicker Free Mode	50Hz, 60Hz		
Shutter Speed	Auto(1/10,000~1/60sec)		Auto(1/10,000~1/30sec, 1/15, 1/8, 1/4 Slow Shutter), Manual
<b>VIDEO/AUDIO</b>			
Compression	H.264(Baseline, Main, High Profile), MJPEG		
Bitrate Control	CBR, VBR		
Resolution	1920x1080, 1280x720/1024, 704x480/576, 640x480, 352x240/288, 320x240		
Frame Rate	Max. 25/30fps		
Streaming	Max. 25/30fps(Triple Stream : H.264x2, MJPEGx1)		
Composite Out	Yes		
<b>SYSTEM</b>			
Motion Detection Area	16 Programmable Area(Include Area 8, Exclude Area 8)		
Privacy Mask Zone	8 Programmable Zone		
FTP Uploading	MJPEG		
Event Notification	E-mail, FTP, Notification Server, XML Notification, AIHM		
Login Authority	Administrator, Operator, Guest		
Event Buffering	FTP	Pre : 30sec, Post : 30sec	
	SD Record	Pre : 10sec, Post : 60sec	
Manual Trigger	4 Programmable Trigger		
Security	Multi User Authority, IP Filtering, HTTPS, SSL		
Network Time Sync	NTP Server, Synchronized Computer, Manual		
Software Reset	Restart, Reset, Factory Default		
Hardware Factory Reset	Yes		
Auto Recovery	Backup, Restore		
Remote Upgrade	Web Browsing(IE, Chrome, Safari, Firefox), SmartManager, NC-Titanium		
SD Recording Mode	Event, Continuous		
<b>NETWORK</b>			
Protocol	TCP/IP, UDP, IPv4/v6, HTTP, HTTPS, QoS, FTP, UPnP, RTP, RTSP, RTCP, DHCP, ARP, Zeroconf, Bonjour		
Client Software	Web, SmartManager, NC-Titanium, Tive HD		
Max. User Connection	Live : 10 Users, Playback : 3 Users		
API Support	Open API, Onvif Compliance		
Mobile Support	Tive HD(Android, iOS)		
<b>EXTERNAL IN/OUT</b>			
Alarm	1 Input, 1 Output(EXT. Cable)		
Ethernet	RJ-45(10/100Base-T)		
u-SD Card	SDHC(Max. 32GB)		
<b>ETC</b>			
Operating Humidity	0~90%RH(Non-Condensing)		
Operating Temperature	-10~+50°C		
Power Supply	PoE(IEEE802.3 af Compliance, Class0), 12VDC		
Power Consumption	88mA(4.0W)@PoE	88mA(4.0W)@PoE	88mA(4.0W)@PoE 330mA(4.0W)@12VDC
	330mA(4.0W)@12VDC	330mA(4.0W)@12VDC	
Dimension	44.45(W)x161.4(H) x34.9(L)mm (44.45mm Inclusion Bracket)	55(W)x210(H) x43(L)mm	132(W)x669(H)x132(L)mm
Net Weight	1300g	500g	1230g