



NFH-78153A3

30X 8MP IR Speed Dome Network Camera

Key Features

- H.264, H.265 Support
- 8MP(4K) Resolution
- Optical Zoom 30X(6~180mm)
- True WDR, True Day & Night
- Long Range Synchronized IR LED(up to 350m)
- Max. 380°/sec Preset Speed
- Preset(256), Tour(8), Pattern(8)
- Alarm In/Out(4/1), Audio In/Out(1/1)
- Micro SD Card(SDHC, SDXC)
- UPoE, 12VDC
- IP66

Technical Specifications

Model	NFH-78153A3	
IMAGE		
Lens	Optical Zoom 30X, 6~180mm	
Angle of View	55.4~2.7°(H)	
Image Sensor	1/1.7" SONY STARVIS CMOS Sensor	
Min. Illumination	Color : 0.75Lux@50IRE / BW : 0Lux(IR LED On)	
Scanning Mode	Progressive Scan	
Wide Dynamic Range	True WDR	
Day and Night Mode	True D/N(Auto, Day, Night)	
Noise Reduction	2DNR, 3DNR	
Digital Zoom	Yes(ROI)	
Exposure Control	Auto, Iris Priority	
White Balance Control	Auto, Manual	
Metering Mode	Spot, Center, Average	
Image Effect	Flip, Defog	
Flicker Free Mode	50Hz, 60Hz	
Shutter Speed	Auto(1/10,000~1sec)	
IR Illuminator	Quantity	Synchronized IR LED, Fixed IR LED
	Distance	Up to 350m
VIDEO/AUDIO		
Compression	H.264(Baseline, Main, High Profile), H.265(Main Profile), MJPEG	
Bitrate Control	CBR, CVBR	
Resolution	3840x2160, 3072x2048, 2592x1944/1520, 2560x1440, 1920x1080, 1440x1080, 1280x1024/720, 1024x768, 800x600/480, D1, 640x480, 400x240, CIF	
Frame Rate	Max. 25/30fps(PAL/NTSC)	
Streaming	Quad Stream(H.264/H.265x3, MJPEGx1)	
Audio Compression	G.711	
Audio Streaming	2 Way	
PTZ FUNCTION		
Pan Range	360° Endless	
Pan Speed	Max. 380°/sec.(Preset)	
Tilt Range	-10~90°	
Tilt Speed	Max. 380°/sec.(Preset)	
Preset	256	
Tour	8	
Pattern	8	
Home Function	Yes	
SYSTEM		
Video Contents Analysis	Tampering, iVMD, Intrusion Detector	
Motion Detection Area	16 Programmable Area(Include Area 8, Exclude Area 8)	
Privacy Masking	16 Programmable Zone	
Smart Codec	Hi-Stream	
FTP Uploading	MJPEG	
Event Notification	E-mail, FTP, Notification Server, XML Notification, Audio Alert	
Audio Alert	User-Defined 3 Audio files	
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	
SD Recording Mode	Event, Continuous	
NETWORK		
Protocol	TCP/IP, UDP, IPv4/v6, HTTP, HTTPS, QoS, FTP, UPnP, RTP, RTSP, RTCP, DHCP, ARP, Zeroconf, Bonjour	
Client Software	Web, SmartManager, Client S/W, Mobile S/W	
Max. User Connection	Live : 10 Users, Playback : 3 Users	
API Support	Open API, Onvif Compliance	
Mobile Support	Android, iOS	
EXTERNAL IN/OUT		
Audio	1 Input, 1 Output(RCA Mono Jack)	
Alarm	4 Input, 1 Output	
Ethernet	RJ-45	
u-SD Card	SDHC, SDXC	
ETC		
Operating Humidity	0~90% RH(Non-Condensing)	
Operating Temperature	-30~+55 °C	
Power Supply	PoE(UPoE, Class4), 12VDC	
Power Consumption	500mA(28W)@PoE 2.3A(28W)@12VDC	
Dimension	201.8(Ø)x317.8(H)mm	
Net Weight	Approx. 5.1kg	
Ingress Protection	IP66	

Key Functions

- Hi-Stream(Smart Codec)
- Intelligent Video Motion Detection, Intrusion Detector
- Quad Stream(H.264/H.265, MJPEG)
- Onvif Profile S
- Easy Install : Zero Configuration, Discovery, PoE
- Multi User Authority, IP Filtering, HTTPS, SSL
- Cross Web Browsing(IE, Safari, Firefox, Chrome)
- Defog
- Audio Alert

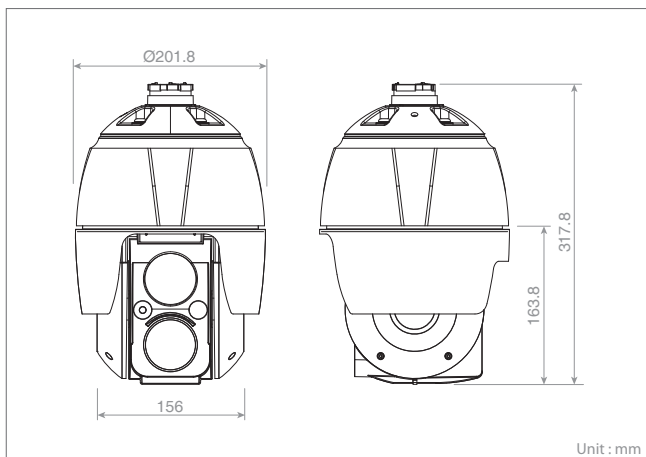
Software

- SmartManager
- Titanium 2.0
- Titanium Mobile

Optional Accessory

- HDB242E(Wall Mount)
- HDB241(Ceiling Mount)

Dimension



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