



# NFX-22053D1(H)

30X Full HD IR Network Speed Dome Camera

## Key Features

- Full HD(1920x1080) Resolution
- Optical Zoom 30X, Digital Zoom 16X
- Long Range IR LED with Synchronization
- True WDR, True Day & Night
- Max. 380°/sec Speed(Preset)
- Preset(256), Tour(8), Pattern(8), Privacy(8), Motion(16)
- Alarm Input(4), Alarm Output(1), Audio Input(1), Audio Output(1)
- VCA(DIS, Defog, Face Detection, Tampering, Line Detector, Field Detector)
- SD Card Up to 32GB
- PoE, 12VDC, 24VAC
- IP66

## Technical Specifications

Model	NFX-22053D1	NFX-22153D1	NFX-22253D1H
<b>IMAGE</b>			
Lens	Optical Zoom 30X, 4.3~129mm, F1.6~5.0		
Angle of View	65.1~2.23°(H)		
Image Sensor	Type	1/2.8"SONY STARVIS CMOS Sensor	
	Pixels	1,945(H)x1,109(V)	
Min. Illumination	Color : 0.35Lux, BW : 0.013Lux, 0Lux(IR LED On)		
Scanning Mode	Progressive Scan		
Wide Dynamic Range	True WDR		
Day and Night Mode	True Day & Night		
Noise Reduction	3DNR		
Digital Zoom	16X		
Exposure Control	Auto, Manual, Shutter Priority, Iris Priority		
White Balance Control	Auto, Fluorescent, Incandescent, Outdoor, Manual		
Back Light Compensation	Yes		
Image Effect	Flip		
Flicker Free Mode	50Hz, 60Hz		
Shutter Speed	Auto(1/30,000~1/3 sec.), Manual		
IR Illuminator	Quantity	Synchronized IR LED, Fixed IR LED	
	Angle	5~60°	
	Distance	Up to 400M	
<b>VIDEO/AUDIO</b>			
Compression	H.264(Baseline, Main, High Profile), MJPEG		
Bitrate Control	CVBR, VBR		
Resolution	1920x1080, 1280x1024, 1280x720/960, 704x480/576, 640x360/480, 320x240		
Frame Rate	Max. 50/60fps		
Streaming	50/60fps(Dual Stream : H.264x1, MJPEGx1) 25/30fps(Triple Stream : H.264x2, MJPEGx1)		
Audio Compression	G.711		
Audio Streaming	2 Way		
<b>PTZ FUNCTION</b>			
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		
<b>SYSTEM</b>			
Video Contents Analysis	DIS, Defog, Face Detection, Tampering, Line Detector, Field Detector		
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, Audio Alert, AiHM		
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, 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>			
Audio	1 Input, 1 Output(RCA Mono Jack)		
Alarm	4 Input, 1 Output(Terminal Block)		
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	-30~+50 °C	-40~+50 °C
Power Supply	12VDC	PoE(Injector), 12VDC	24VAC
Power Consumption	2,300mA(28W)@12VDC	500mA(28W)@PoE	2,600mA(38W)@24VAC
Dimension	201.83(Ø)x370.78(H)mm		
Net Weight	Approx. 4.9kg		
Ingress Protection	IP66		

## Key Functions

- Auto Exposure, Auto White Balance
- Triple Stream(H.264, MPEG4, MJPEG)
- Onvif Profile S
- Easy 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

## Optional Accessory

- HDB241(Housing Ceiling Bracket)
- HDB242(Housing Wall Bracket)
- HCS251 Series(Recess Mount Kit)

## Dimension

