



NFX-22033D1A

30X Full HD Network Speed Dome Camera

Key Features

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

Technical Specifications

Model	NFX-22033D1A
IMAGE	
Lens	Optical Zoom 30X, 4.3~129mm
Angle of View	65.1~2.23°(H)
Image Sensor	1/2.8" SONY STARVIS CMOS Sensor
Type	1945(H)x1097(V)
Pixels	Color : 0.35Lux / BW : 0.013Lux@50IRE
Min. Illumination	Progressive Scan
Scanning Mode	True WDR
Wide Dynamic Range	True Day & Night
Day and Night Mode	3DNR
Noise Reduction	16X
Digital Zoom	Auto, Manual, Shutter Priority, Iris Priority
Exposure Control	Auto, Fluorescent, Incandescent, Outdoor, Manual
White Balance Control	Yes
Back Light Compensation	Flip
Image Effect	25/30fps : Auto(1/30,000~x8sec), Manual
Shutter Speed	50/60fps : Auto(1/50,000~x8sec), Manual
VIDEO/AUDIO	
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
PTZ FUNCTION	
Pan Range	360° Endless
Pan Speed	Max. 380°/sec.(Preset)
Tilt Range	-10~190°
Tilt Speed	Max. 380°/sec.(Preset)
Auto Calibration	0.1~6°
Preset	256
Tour	8
Pattern	8
Home Function	Yes
SYSTEM	
Video Contents Analysis	DIS, Defog, Face Detector, Tampering, Line Detector, Field Detector
Motion Detection Area	16 Programmable Area(Include Area 8, Exclude Area 8)
Privacy Masking	16 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	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
NETWORK	
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)
EXTERNAL IN/OUT	
Video Composite Out	Yes
Audio	1 Input, 1 Output(3.5mm Stereo Jack)
Alarm	4 Input, 1 Output
Ethernet	RJ-45(10/100Base-T)
u-SD Card	SDHC(Max. 32GB)
RS485	Yes
ETC	
Operating Humidity	0~90% RH(Non-Condensing)
Operating Temperature	-50~+65°C
Power Supply	Camera : PoE(802.3af, Class0), 12VDC, 24VAC Heater & Fan : 24VAC
Power Consumption	Camera : 270mA(12.8W)@PoE / 1.1A(13.2W)@12VDC, 24VAC Heater & Fan : 2.2A(50W)@24VAC
Dimension	234(Ø)x301(H)mm
Net Weight	Approx. 3.3kg
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

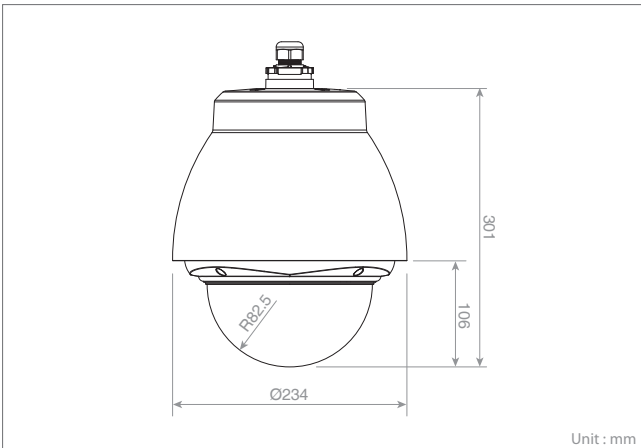
Software

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

Optional Accessory

- HDB241(Housing Ceiling Bracket)
- HDB242(Housing Wall Bracket)
- HCM201(Roof & Parapet Mount)

Dimension



Unit : mm