



Model: N746FDRZ37YA

6 MP VCA AI Face Detection Human & Vehicle Detection Red & Blue Dual Light Two way Audio PoE Bullet IP Camera



Features



- ❖ 1/3" CMOS Sensor
- ❖ 6MP HD Resolution Output
- ❖ Face Detection, Human & Vehicle Detection, Line Crossing, Area Entry/Leaving Detection, Area Intrusion Detection
- ❖ Low illumination 0.01Lux
- ❖ Day/ Night (ICR), AWR, 2D/3D-DNR, IR-CUT
- ❖ WDR, Motion Detection, Privacy Mask, Flip
- ❖ RTSP and Onvif 2.3.1.2 Compatible
- ❖ H.265/ H.264 Dual-stream Media Server
- ❖ Easy-to-use P2P Cloud Service
- ❖ Multi web browser, PC Client, Mobile APP, Remote access
- ❖ RJ45 100Mbps Network Port, IEEE802.3af PoE
- ❖ Lightning Protection 4000V
- ❖ Strong Water-proof Housing, IP67
- ❖ 2pcs IR LEDs & Warm Light, 2pcs Red & Blue lights, Light Distance:20-30M
- ❖ Warm Light on and Colorful Imaging When Detect Human Body or Vehicle
- ❖ 2.8mm F1.6 Fixed Lens
- ❖ Two Way Audio / SD Slot / Reset Button
- ❖ Support audio alarm to warn intruders off

Specification

Model	N746FDRZ37YA
Camera	
Image Sensor	1/3" GC4653 CMOS
Soc Chip	Sigmastar SSC377D
Effective Pixels	3072(H)×2048 (V)
Exposure Shutter	AUTO/Manual: 1/10s ~ 1/8000s, Max. Shutter speed adjustable
Day/Night	Auto(Active/passive/schedule)/Day/Night, switch threshold, sensitivity
Image Adjust	Brightness,Saturation,Sharpness,Contrast,Denoise (0-100%) adjustable
White Balance	AWB/MWB
WDR	100db WDR
Light Mode	Smart(dual-light) / Pure Infrared / Pure White light, adjustable
Light Control	Auto/Manual, Brightness level (0-100%) adjustable
DNR	2D/3D DNR
Encode	
Video Standard	H.264/H.265/MJPEG
Video Resolution	Main Stream: 25fps@6MP(3072x2048),30fps@5MP(2592x1944)/4MP(2560x1440)/3MP(2304x1296)/ 1080P/720P Sub stream: 10fps@720P,30fps@D1(704x576)/(720x480)/VGA(640x480)/QVGA(640x360)
Video Bitrates	Main stream: 64kbps-8Mbps Sub stream: 64kbps-2048kbps VBR/CBR , quality(1-9), GOP(1-128)
Image Rotation	0 / 90 / 180 / 270 degree adjustable
Border Crop	X crop, Y crop
Image Mirror	horizon / vertical / horizon&vertical adjustable
OSD Overlay	Font size(1-4), position,Time, Title, AM/PM, Color, User OSD, Alarm OSD
Privacy Mask	4 areas
Region of Interest	ROI: Each stream support 8 areas
Audio Standard	G.711-u/G.711-a/AAC/PCM, AEC
Built-in Mic	Yes
Built-in Speaker	Yes
Edge Storage	Micro SD, up to 512GB (Micro SD card is not built-in)
Led	
Light	2pcs IR LEDs & Warm Light, 2pcs Red&Blue lights
Light Distance	20-30M
Lens	
Focal length	F1.6 2.8 mm Fixed Lens
Language	

English, simplified Chinese, Chinese Traditional, Japanese, Korean, German, Polish, Italian, Turkish, Ukraine, Russian, etc.	
Smart Detection	
Motion Detection	Yes
Digital IO Alarm	1 pair Alarm-in/Alarm-out, normally open/normally close
Human & Vehicle Detection	support
Cross Line Detection	support
Perimeter protection	support
Face Detection	support
Target Detection Type	Human Shape, vehicle, non-motor vehicle, Pet, Face (32px-800px)
Trigger Action Linkage	Snapshot, Record, Relay(Red-blue Led flash) optional, White LED Flash, Voice siren, Micro-SD, Email, FTP, NAS storage (NFS)
Simultaneous Detection	Maximum 16 targets simultaneous detection
Storage Type	Schedule/Trigger: Micro-SD(512G) , Email, FTP, NAS (NFS)
Network Services	
Protocol	HTTP(s)/RTSP/FTP/SMTP/DHCP/NTP/DST/RTP/RTMP/P2P/HiK/IPv4/IPv6/NFS
P2P Mobile APP	Android, IOS
Web Access	IE, Firefox, Chrome, Edge, Safari, etc.
PC Tool	Windows, Mac
ONVIF	23.12 compatible (profile S G T M)
General	
Network Port	1-RJ45, 100Mbps, POE optional
Power Supply	12 VDC \pm 10%
Power Consumption	< 8 W
Operating Temp.	-20°C-(+60)°C, 10%-90%RH

Dimensions:

