

WIPX4NMFD

NETWORK IR DOME CAMERA

4MP H.265 IP IR Network Dome with 2.8mm Lens and Facial Recognition



Key Features

- H.265+/H.265/H.264+/H.264/MJPEG coding
- Maximum resolution: 2688 × 1520
- ICR auto switch, true day / night vision
- 10 ~ 20m IR night view distance
- 3D DNR, true WDR, HLC, BLC, Defog, Smart IR and ROI coding
- Support image distortion correction
- Built-in micro SD card slot, up to 256GB
- DC12V/PoE power supply
- IP67 ingress protection
- Supports three streams
- Intelligent analytics
- Supports remote monitoring by smart phones & tablet PC's with iOS and Android OS
- Support P2P function

The Genie WIPX4NMFD is a 4MP IP IR dome camera with a 2.8mm lens. The camera features intelligent analytics as well as facial recognition when paired with any Genie AI NVR.



genie

Specification

Camera

Image Sensor	1 / 3 "CMOS
Image Size	2688 × 1520
Electronic Shutter	1 / 3 s ~ 1 / 100000 s
Iris Type	Fixed Iris
Minimum Illumination	0.005 Lux @ F1.6,AGC ON, 0 Lux with IR
Lens	2.8 mm@F1.6, Horizontal FoV: 95.3°; vertical FoV: 53.2°; diagonal FoV:100.7°
Lens Mount	M12
Focus	Fixed
Day & Night	ICR
Wide Dynamic Range	120dB
BLC	Yes
HLC	Yes
Defog	Yes
S/N Ratio	≥50dB
Digital NR	3D DNR
Angle Adjustment	Pan: 0°~360°, Tilt:0°~70°, Rotation: 0°~350°

Functions

Remote Monitoring	Web Browser/NVMS2.0/NVR/mobile APP
Online Connection	Support simultaneous monitoring for up to 8 users; Support multi-stream real time transmission
Network Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTMP, RTCP, PPPoE, DDNS, SMTP, FTP, SNMP, HTTP, HTTP POST, 802.1x, UPnP, HTTPS, P2P, QoS
Interface Protocol	Onvif compatible
Storage	Network remote storage, micro SD card storage
Smart Alarm	Motion detection, SMD, SD card error, SD card full, IP address conflict, network disconnection, audio alarm
General Function	Watermark, video mask, heartbeat, image distortion correction, corridor pattern, ANR, cloud upgrade
Security	Video encryption, firmware encryption, HTTPS encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and digest authentication for HTTP/RTSP
PoE	Yes, IEEE802.3af
IR Distance	10 ~ 20 m
Ingress Protection	IP67

Image

Video Compression	Main stream: H.265+ / H.265 / H.264+ / H.264 Sub/Third stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG
H.265 Compression Standard	Baseline Profile/Main Profile/High Profile
Resolution	4MP (2688×1520), 2592×1520, 2K (2560×1440), 3MP(2304×1296), 1080P (1920×1080), 720P (1280×720), D1, VGA(640×480), 640×360, CIF, 480 × 240
Main Stream	4MP/2592×1520/2K/3MP/1080P (60Hz : 1 ~ 30fps; 50Hz: 1~25fps)
Sub Stream	720P/D1/VGA/640×360/480×240/CIF(60Hz : 1 ~ 30fps; 50Hz: 1~25fps)
Third Stream	720P/D1/CIF/480×240 (60Hz : 1 ~ 30fps; 50Hz: 1~25fps)
Bit Rate	64 Kbps ~ 8 Mbps
Bit Rate Type	VBR / CBR
Audio Compression	G711A / U
Image Settings	ROI, Saturation, Brightness, Hue, , Contrast, Wide Dynamic, Sharpness, Image Mirror, Image Flip, NR,etc. Adjustable through client software or web browser
ROI	Each ROI to be configured separately

Intelligent Analytics

Smart Event	Line crossing, region intrusion/ entrance/exiting (human/vehicle classification) loitering detection, illegal parking detection, abandoned/ missing object detection
Statistics	Target counting by line/area, heat map
Exception Detection	Scene change, video blur and abnormal color detection, audio exception
Face Detection	Face detection and face capture
Video Metadata	Simultaneously captures human body, motor vehicle and non-motor vehicle and extracts 13 human features, 4 motor vehicle features and 1 non-motor vehicle feature

DORI Distance

Lens	Detect	Observe	Recognise	Identify
2.8mm	60m(199ft)	24m(79ft)	12m(39ft)	6m(19ft)

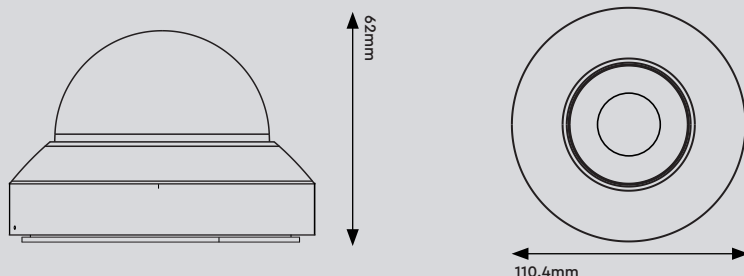
Others

Power Supply	DC12V/PoE
Power Consumption	< 5.5W
Storage Conditions	-30 °C ~ 65°C (-22°F~149°F), Humidity: less than 95 % (non-condensing)
Operating Conditions	-30 °C ~ 60 °C (-22°F~140°F), Humidity: less than 95 % (non-condensing)
Dimensions	Ø 110 × 62mm
Weight	Approximately 0.424KG
Installation	Ceiling mounting; Wall mounting
Certificate	CE, FCC
Environmental Protection	Directive EU RoHS, WEEE(2012/19/EU) , directive 94/62/EC and REACH(EC1907/2006)

Interface

Network	RJ 45 10M/100M self-adaptive Ethernet port
Video Output	No
Audio	1CH audio input; 1CH audio output; 2CH built-in MICs
Alarm	1CH alarm input; 1CH alarm output
Storage	Built-in micro SD card slot; up to 256GB
Hardware Reset	Yes

Dimensions



Accessories



WIPJBBV
Junction Box for Varifocal
Bullet Cameras – White



WBEBYW
Wall Bracket for Eyeball
Cameras