



**QVP81DEL**



IK10



Face Detection



H.265



WDR



Defog



HLC



BLC



PoE



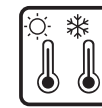
Motion Detection



IP67



AWB



-30°~60°



VCA



Day&Night

## Product Features

- ▲ Max.resolution:8MP ( 3840 × 2160 )
- ▲ Smart H.265/H.264 coding
- ▲ ICR auto switch, true day / night
- ▲ 3D DNR, true WDR, HLC, BLC and ROI coding
- ▲ 20~30m IR night view distance
- ▲ 1CH audio input; 1CH built-in MIC
- ▲ Built-in micro SD card slot, up to 128GB
- ▲ 1CH alarm input; 1CH alarm output
- ▲ DC12V/PoE power supply
- ▲ Support three streams
- ▲ P2P function optional
- ▲ IP 67&IK10
- ▲ Support mobile surveillance by smart phones with iOS and Android OS
- ▲ Intelligent analytics: Object abandoned/missing detection, region entrance/exiting/intrusion detection(human/vehicle classification), line crossing detection(human/ vehicle classification), video tampering detection, scene change detection, face detection, face capture, crowd density detection, heat map, human/vehicle counting, human tracking

## SPECIFICATION

Camera	
Image Sensor	1 / 2.8 "CMOS
Image Size	3840×2160
Electronic Shutter	1 / 25 s ~ 1 / 100000 s
Iris Type	Fixed Iris
Min. Illumination	0.01 lux @ F1.2,AGC ON; 0 lux with IR 0.02 lux@F1.6, AGC ON; 0 lux with IR
Lens	2.8mm@F1.6, Horizontal FoV:109.7°; Vertical FoV:77.2°;Diagonal FoV:116.9°
Field of View	Horizontal: 96°~32°; Vertical:64°~18.4°; Diagonal: 103.8°~36.5°
Day&Night	ICR
Lens Mount	M12
BLC	Yes
HLC	Yes
Defog	Yes
Digital NR	3D DNR
Angle Adjustment	Pan : 0°~355°, Tilt : 0°~67°, Rotation : 0°~355°
Wide Dynamic Range	120dB

## Image

Video Compression	Smart H.265 / H.265+ / H.265 / Smart H.264 / H.264+ / H.264 / MJPEG
H.264 Compression Standard	Baseline Profile/Main Profile/High Profile
Resolution	8MP ( 3840 × 2160 ), 6MP( 3072 × 2048 ),5MP( 2592 × 1944), 4MP( 2592 × 1520 ), 2K ( 2560 × 1440 ), 3MP ( 2304 × 1296 ), 1080P ( 1920 × 1080 ), 720P ( 1280 × 720 ), D1, CIF, 480 × 240
Main Stream	60Hz : 8MP/6MP(1~20fps), 5MP/4MP/2K/3MP/1080P/720P(1~30fps) 50Hz : 8MP/6MP(1~20fps), 5MP/4MP/2K/3MP/1080P/720P(1~25fps) HFR Mode: 1080P/720P(60Hz: 1~60fps; 50Hz: 1~50fps)
Sub Stream	720P/D1/CIF/480 × 240 (60Hz: 1~30fps; 50Hz: 1~25fps)
Third Stream	D1/CIF/480 × 240 (60Hz: 1~30fps; 50Hz: 1~25fps)
Bit Rate	64 Kbps ~ 12 Mbps
Bit Rate Type	VBR / CBR
Audio Compression	G711A / U
Image Settings	ROI, Saturation, Brightness, Chroma, Contrast,Wide Dynamic, Sharpen, NR,etc. adjustable through client software or web browser
ROI	Each ROI to be configured separately

## Intelligent Analytics (Smart Events)

Perimeter Protection	Line crossing, region entrance/exiting/intrusion (human/motor vehicle/ non-motor vehicle classification)
Target Counting	Line crossing human/motor vehicle/non-motor vehicle counting
Exception Detection	Scene change, video blur and video color cast detection
Face Detection	Face detection and face capture
General Intelligence	Crowd density detection, heat map, object abandoned/missing detection*

## Functions

Remote Monitoring	Web browsing, CMS remote control
Interface Protocol	ONVIF
Storage	Network remote storage; micro SD card storage
PoE	Yes , IEEE802.3af
Online Connection	Support simultaneous monitoring for up to 10 users; Support multi-stream real time transmission
Network Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, 802.1x, UPnP, HTTP, HTTPs, QoS
Smart Alarm	Motion detection; SD card error; SD card full
General function	Watermark, IP address filtering, video mask, heartbeat, password protection, non-photosensitive switch, image distortion correction
IR Distance	20~30m
Protection Grade	IP 67&IK10

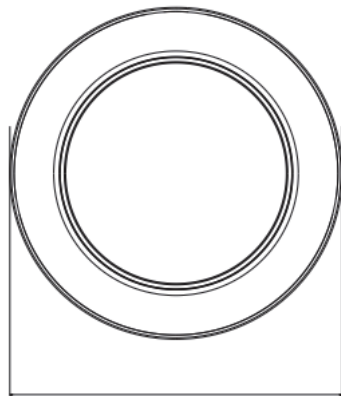
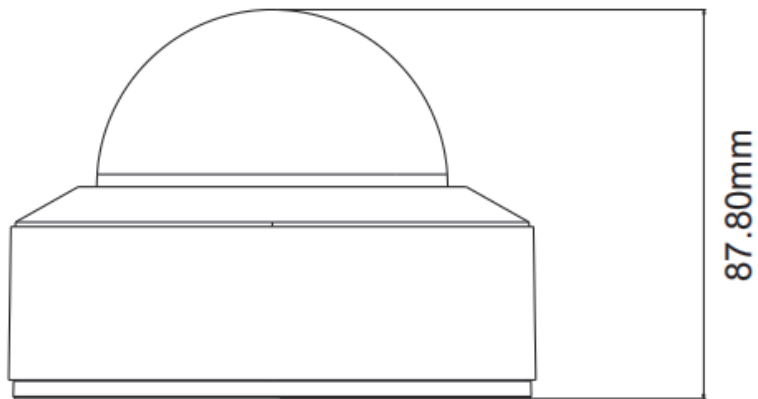
# Interfaces

Network	RJ45
Audio	1CH audio input; 1CH built-in MIC
Storage	Built-in micro SD card slot; up to 128GB
Reset	Yes
Video Output	No
Alarm	1CH alarm input; 1CH alarm output

# Others

Power Supply	DC12V / PoE
Power Consumption	< 9W
Dimensions ( mm )	$\Phi$ 119 × 87.8
Operating Environment	-30 °C ~ 60°C(-22°F~140°F) Humidity: less than 95 %(non-condensing)
Weight ( net )	Approx. 0.64KG
Installation	Ceiling mounting; Wall mounting

## Dimensions



119.00mm