



**QVP43DEA**

## Product Features

- ▲ 4MP ( 2592 × 1520 ) H.265 full real time coding
- ▲ Max. resolution: 2592 × 1520
- ▲ ICR auto switch, true day / night
- ▲ 30 ~ 50m IR night view distance
- ▲ 3D DNR, true WDR, HLC, BLC, Defog, Smart IR and ROI coding
- ▲ Hardware reset
- ▲ Built-in micro SD card slot, up to 128GB
- ▲ 1CH audio input and 1CH built-in MIC
- ▲ DC12V/PoE power supply
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- ▲ IP67 & IK10
- ▲ Support three streams
- ▲ P2P function optional
- ▲ Support remote monitoring by smart phones & tablet PCs with iOS and Android OS
- ▲ Intelligent analytics: Perimeter Protection, Target Counting, Exception Detection, Face Detection, etc.



CE FC



ONVIF



## SPECIFICATION

Camera	
Image Sensor	1 / 3 "CMOS
Image Size	2592 × 1520
Electronic Shutter	1 / 30 s ~ 1 / 100000 s
Iris Type	DC Iris
Min. Illumination	0.0038 lux@F1.4,AGC ON; 0 lux with IR 0.0028 lux@F1.2,AGC ON; 0 lux with IR
Lens	2.8~12mm@F1.4, motorized
Lens Amount	Φ14
Wide Dynamic Range	120dB
BLC	Yes
HLC	Yes
Defog	Yes
Digital NR	3D DNR
Angle Adjustment	Pan: 0°~345°; Tilt:0°~77°; Rotation: 0°~345°

## 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	4MP ( 2592 × 1520 ), 2K ( 2560 × 1440 ), 3MP ( 2304 × 1296 ), 1080P ( 1920 × 1080 ), 720P ( 1280 × 720 ), D1, CIF, 480 × 240
Main Stream	4MP/2K/3MP/1080P / 720P( 60Hz : 1 ~ 30fps; 50Hz: 1~25fps ) HFR mode: 1080P / 720P( 60Hz : 1 ~ 60fps; 50Hz: 1~50fps )
Sub Stream	720P/D1/CIF ( 60Hz : 1 ~ 30fps; 50Hz: 1~25fps )
Third Stream	D1/CIF/480x240 ( 60Hz : 1 ~ 30fps; 50Hz: 1~25fps )
Bit Rate	64 Kbps ~ 8 Mbps
Bit Rate Type	VBR / CBR
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
Audio Compression	G711A / U

## Interfaces

Network	RJ45
Audio	1CH audio input; 1CH audio output; 1CH built-in MIC
Storage	Built-in micro SD card slot; up to 128GB
Hardware Reset	Yes
Video Output	CVBS output (BNC × 1)
Alarm	1CH alarm input; 1CH alarm output

## 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	30 ~ 50 m
Ingress Protection	IP 67 & IK10

## 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*

## Others

Power Supply	DC12V / PoE
Power Consumption	< 8W
Dimensions ( mm )	Φ 141 × 100.2
Operating Environment	-30 °C ~ 60°C(-22°F~140°F) Humidity: less than 95 %(non-condensing)
Weight ( net )	Approx. 0.93KG
Installation	Ceiling mounting; Wall mounting

### Dimensions

