



Product Features



QTN8555DA3



- ▲ 5MP(2592×1944)H.265 full real time coding
- ▲ Max resolution: 2592×1944; ICR auto switch, true day/ night
- ▲ 30~50m IR night view distance
- ▲ Motorized zoom lens
- ▲ 3D DNR, true WDR, HLC, BLC and ROI coding
- ▲ 1CH audio input; 1CH audio output, 1CH speaker, 1CH MIC
- ▲ Hardware reset
- ▲ Built-in micro SD card slot, up to 128GB
- ▲ DC12V/PoE power supply
- ▲ IP67 ingress protection
- ▲ Support three streams
- ▲ P2P function optional
- ▲ Support mobile surveillance by smart phones with iOS and Android OS
- ▲ Intelligent analytics: abnormal video signal detection (scene change, video tampering), line crossing detection (human/vehicle classification), region intrusion detection (human/vehicle classification), sound and light warning



H.265



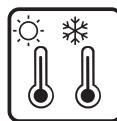
HLC



BLC



PoE



-30°~60°



IP67

SPECIFICATION

Camera	
Image Sensor	1 / 2.7 "CMOS
Image Size	2592×1944
Electronic Shutter	1 / 25 s ~ 1 / 100000 s
Iris Type	DC-IRIS
Min. Illumination	0.008 lux @F1.4, AGC ON; 0 lux with IR 0.0045 lux @ F1.2, AGC ON; 0 lux with IR
Lens	Motorized zoom lens 2.8mm~12mm @F1.4,horizontal field of view:92.7°~29.8°
Lens Mount	Φ14
Wide Dynamic Range	120dB
BLC	Yes
HLC	Yes
Defog	Yes
Digital NR	3D DNR
Angle Adjustment	Pan: 0°~360°; Tilt:0°~80°; Rotation: 0°~360°

Image

Video Compression	Smart H.265 / H.265+ / H.265 / H.264+ / H.264 / MJPEG
H.264 Compression Standard	Baseline Profile/Main Profile/High Profile
Resolution	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 : 5MP/4MP/ 2K/3MP/ 1080P/ 720P(1~30fps) 50Hz : 5MP/ 4MP/ 2K/3MP/ 1080P/ 720P (1~25fps)
Sub Stream	60Hz : 720P/D1/CIF (1~30fps) 50HZ:720P/D1/CIF (1~25fps)
Third Stream	60Hz : D1/CIF/480 × 240 (1~30fps) 50HZ: D1/CIF/480× 240 (1~25fps)
High Frame Rate Mode	Main stream: 60Hz: 1080P/720P(1~60fps) 50Hz: 1080P/720P(1~50fps)
Bit Rate	256 Kbps ~ 9 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

Interfaces

Network	RJ45
Audio	1CH audio input; 1CH audio output; 1CH built-in speaker; 1CH built-in MIC
Storage	Built-in micro SD card slot; up to 128GB
Hardware Reset	Yes
Video Output	No
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 6 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; sensor alarm; SD card error; SD card full; IP address conflict; cable disconnection
General function	Watermark, IP address filtering, video mask, heartbeat, illegal login lock
IR Distance	30 ~ 50 m
Ingress Protection	IP67

Intelligent Analytics

Video Abnormality	Scene change detection, video tampering detection
Perimeter Detection	Region intrusion detection, region entrance detection, region exiting detection and line crossing detection (human/vehicle classification),
Sound &Light Warning	Yes

Others

Power Supply	DC12V/PoE
Power Consumption	< 11.5W
Dimensions (mm)	Φ 111.5 × 99.6
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

