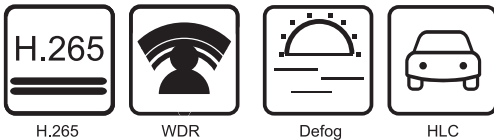




Product Features

- ▲ Starlight
- ▲ 2MP (1920 × 1080) full real time coding
- ▲ Max. resolution: 1920×1080
- ▲ Motorized zoom lens
- ▲ 3D DNR, true WDR, HLC, BLC and ROI coding
- ▲ Hardware reset
- ▲ 1CH audio input, 1CH audio output, 1CH built-in MIC
- ▲ Built-in micro SD card slot, up to 128GB
- ▲ 1CH alarm input; 1CH alarm output
- ▲ DC12V/PoE power supply
- ▲ P2P function optional
- ▲ IP67 & IK10
- ▲ Support three streams
- ▲ Support mobile surveillance by smart phones or tablet PCs with iOS and Android OS
- ▲ Intelligent analytics: abnormal video signal detection(scene change, video tampering), face detection, face capture, face recognition

QTN8223DA3-FR



Specification

Camera	
Image Sensor	1 / 2.8 "CMOS
Image Size	1920×1080
Electronic Shutter	1 / 25 s ~ 1 / 100000 s
Iris Type	DC Iris
Min. Illumination	Color: 0.0026 lux @F1.2, AGC ON Color: 0.005lux @F1.65, AGC ON
Lens	Motorized zoom lens, 7~22mm @F1.4, horizontal FoV: 44°~17.6°; Recommended face capturing distance: 4~12m
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	1080P (1920 × 1080) 720P (1280 × 720), D1, CIF, 480 × 240
Main Stream	60Hz : 1080P/720P(1~30fps); 50Hz : 1080P/720P(1~25fps)
Sub Stream	60Hz : 720P/D1/CIF (1~30fps); 50HZ: 720P/D1/CIF (1~25fps)
Third Stream	60Hz : D1/CIF/480x240 (1~30fps); 50HZ: D1/CIF/480x240 (1~25fps)
Bit Rate	64 Kbps ~ 6 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
Video Output	CVBS output (BNC × 1)
Audio	1CH audio input; 1CH audio output; Built-in MIC× 1
Storage	Built-in micro SD card slot; up to 128GB
Hardware Reset	Yes
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 (802.3af)
Online Connection	Support simultaneous monitoring for up to 4 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 full; SD card error; IP address conflict; Network disconnection
General function	Watermark, IP address filtering, video mask, heartbeat, illegal login lock
IR Distance	30~50m
Ingress Protection	IP67&IK10
Intelligent Analytics	Scene change detection, video tampering detection, face detection, face capture, face recognition

Others

Power Supply	DC12V/PoE
Power Consumption	< 4W
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. 0.89KG
Installation	Wall mounting; ceiling mounting

Face

Face Detection	Pupil distance of a facial image over 20 pixel can be detected
Face Capturing	By precise detecting, tracing, capturing, scoring and screening the moving faces to get the most effective face snapshots
Panorama Capturing	Support panorama capturing and self-defined information overlay, like device ID, time, etc.
Intelligent Light Compensation	No; external supplementary light sources are needed
Face Picture Database	10000 face pictures
Database Management	Add, modify, delete and search face pictures
Face Picture Adding	Add face pictures through WEB and Face Album Manager Tool
External Face Picture Enrollment	Size: less than 70KB Format: jpg, jpeg
Face Picture Comparison Alarm	Support face trigger alarm Support allow list, block list, stranger alarms

Dimensions

