Q-see®

QVN3564-8

4K — 4K
8MP — HD IPC
DDNS — DDNS
Network — Network
STD — STD
PTZ — PTZ
Audio — Audio
MIC — MIC
Mobile — Mobile
FR — FR
CMS — CMS
USB — USB
Mouse — Mouse
E-mail — E-mail
VCA — VCA

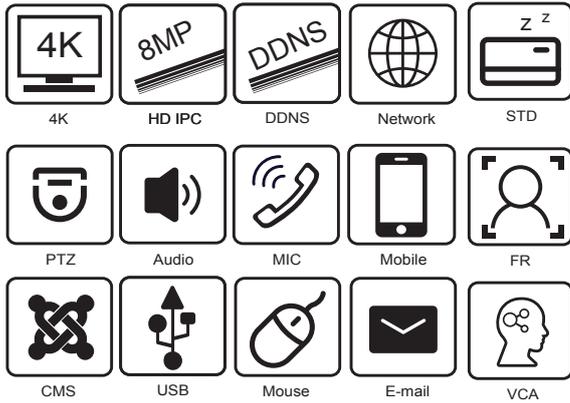## Product Features

▲ Support 64CH 12MP /8MP / 6MP / 5MP / 4MP / 3MP / 1080P / 1280 × 1024 /960P / 720P IP input
▲ Standard H.265 high profile compression format to get high-quality video at much lower bit rate
▲ Intuitive and user-friendly Graphic User Interface (GUI), Windows style operation by mouse
▲ Multi-mode recording: manual / timer / motion / sensor/ / smart events
▲ Playback : 16 CH simultaneous playback
▲ Search : time slice, time, event, tag search and smart search
▲ Supports face detection and comparison
▲ Supports multiple VCA (Video Content Analytics) events, such as object abandoned/missing, region intrusion, tripwire, video tampering, etc.
▲ Support POS information overlay on live view and playback Support RAID0, 1, 5, 6, 10
▲ Express and flexible backup via USB, network and so on
▲ Pentaplex : preview, record, playback, backup and remote access
▲ DHCP, DDNS, PPPoE network protocol
▲ Remote control via Web Client or CMS : preview, playback, backup, PTZ and configuration
▲ Dual stream technology for local storage with high definition, remote network transmission and remote surveillance with mobile device
▲ Multi-user online simultaneously
▲ Authorization management, log view and device status view
▲ 4K output, true high resolution display
▲ Supports PTZ preset and auto cruise, up to 255 presets and 8 cruises
▲ Supports NAT function and QRCode scanning by mobile phones
▲ Powerful mobile surveillance by smart phones with iOS and Andriod OS

Supports 32 /64CH 12MP /8MP / 6MP / 5MP / 4MP / 3MP / 1080P / 1280 × 1024 / 960P /720P high definition IP video input, which adopts the most advanced SOC technique to ensure high definition recording in each channel and realize outstanding robustness of the system.

Supports 32/64 CH IP input, simultaneous 16 CH playback, and 4K high definition display. The series of products can meet different security requirements of home, financial, commerce, enterprise, transportation and government, etc.

SPECIFICATION

System	
OS	Embedded Linux

Video	
Model	QVN3564-8
IP Video Input	64 CH IPC input
Incoming Bandwidth	640Mbps
Outgoing Bandwidth	Display Priority: 128 Network Priority: 640
IP Video Input Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080P/ 1280 × 1024/960P/720P/960H/D1/CIF
Compression	Standard H.264/H.265

Output	HDMI1 : 3840 × 2160@60fps / 3840 × 2160@30fps/ 1920 × 1080 / 1280 × 1024 / 1024 × 768; HDMI2: 1920 × 1080 / 1280 × 1024 / 1024 × 768; HDMI3: 1920 × 1080 / 1280 × 1024 / 1024 × 768; HDMI4: 1920 × 1080 / 1280 × 1024 / 1024 × 768; VGA:　1920 × 1080 / 1280 × 1024 / 1024 × 768

Audio

Model	QVN3564-8
Network Input	64 CH
2-way Audio	RCA × 1
Local Output	RCA × 1
Compression	G.711(U/A)
HDMI Audio Output	Yes

Record

Model	QVN3564-8
Record Stream	Dual stream recording
Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/ 720P/960H/D1/CIF
Frame Rate	25fps (PAL) / 30fps(NTSC)
Mode	Manual, timer, motion, sensor, smart events

Playback

Model	QVN3564-8
Simultaneous Playback	Max 16 CH
Search	Time slice / time / event / tag search
Smart Search	Highlighted color to display the camera record in a certain period of time, different colors refers to different record events

Decoding Capability

Live View/ Playback	1CH 12MP/4CH 5MP/9CH 720P/16CH 720P

Alarm

Model	QVN3564-8
Mode	Manual, sensor, motion, exception, smart events
Input	16 CH local alarm input; support IPC alarm input
Output	4CH

Network

Model	QVN3564-8
Interface	RJ 45 10 / 100 / 1000 Mbps × 2
Protocol	TCP / IP, DHCP, DNS, DDNS, UPnP, NTP, SMTP, HTTP, HTTPs, 802.1x

Face

Model	QVN3564-8
Face Detection Performance (AI by IPC)	64CH
Face Detection Performance (AI by Device)	4 CH
Face Match Performance	16CH
Comparison Capability	36 pictures / second
Face Detection Database	32 libraries ,10000 Face Pictures
Face Picture Search	Search by picture is supported
Database Management	Add, modify, delete and search face pictures
Face Picture Adding	Add face pictures through APP, WEB and external import
External face picture enrollment	Resolution：128 x 128～1920 x 1080 Size：≤ 70KB Format : jpg&jpeg
Face Picture Comparison	Support common, allow list and block list alarm
Face Track	Yes
Map of Face Track	Reolution：≤2560 x 1920 Size：≤ 512KB Format : jpg&jpeg
Statistic Graph of Information	Bar graph
Statistic Mode of Information	Statistics by day, week, month, quarter as well as customized time period

Mobile Device

OS	iOS, Andriod

Storage

HDD Interface	SATA × 8, max 10T per HDD; e-SATA × 1
RAID Type	RAID0, 1, 5, 6, 10

Backup

Local Backup	U disk, USB mobile HDD
Network Backup	Yes

Port

USB	USB 2.0 × 2; USB3.0 × 1
Remote Controller	Optional
RS 485	Yes (full-duplex), connect to PTZ or keyboard

Others

Power Supply	ATX 200W
Consumption	≤ 50W (without HDD)
Dimensions（mm）	445mm×436mm×90mm
Working Environment	-15 ～ 55 ℃，10% ～ 90% humidity

Dimensions