

# QRS-16488CD

## 16CH Hybrid Stand-alone DVR

### 16CH Stand-alone Video Recorder for AHD, TVI, CVI, IP & Analog Cameras

- **Maximum 16CH Real-time Recording at 1920x1080**
- Monitor / Playback / Record / Network Transfer Simultaneously
- **8 Internal HDD Bay up to 64TB**
- **Acceptable Video Input: AHD & TVI & CVI (upto 5MP), IP (upto 8MP-4K) & Analog**
- Video Codec: H.264, Audio Codec: G.711
- Embedded Linux Operating System
- Automatic Coaxial Signal Type Recognition except IP.
- P2P (easy mobile network setup with QR code) Supported
- UPNP & Dual Network Streaming Supported
- Rack-Mountable 2U Case

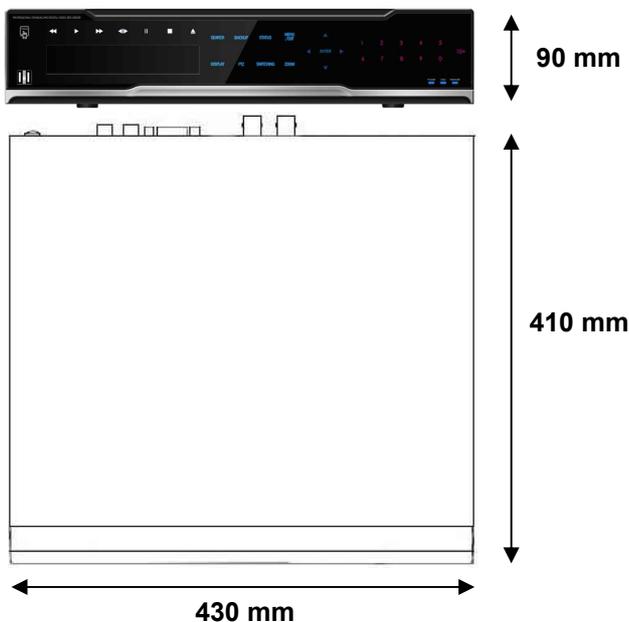


### Specifications

Software	
Recording Mode	< Fully Programmable > Continuous, Event & Pre-Event Recording modes by Timely and Daily
Network	Dual Streaming (User Selectable)
Recording Quality	Super, High, Medium, Low
Pre-Event	Up to 30 Seconds
Playback Speed	X1, X2, X4, X8, X16, X32, X64, X1/2, X1/4
Backup Format	EXE (Self-executable), AVI
Backup Device	USB
Time Zone Support	Yes
NTP	Yes
DDNS	Dyndns, No-ip, dvrinside.com
UPNP	Yes
P2P	QR Code for easy Network setup
UTC	Yes (AHD & TVI cameras)
Multi Languages	22 Languages
DVRs on CMS	9 DVRs per CMS PC (Recommended)
Channels on CMS	Unlimited. Max. 144 camera channels per Division Screen for Live and Playback <i>Floating Multiple-windows is supported.</i>
E-Map on CMS	Yes
PTZ Control on CMS	Yes
Multi Floating	Unlimited CMS Window Floating Live Monitoring, Playback, E-map etc.
O/S for CMS	<b>Win 7, 8 and 8.1, Mac</b> Internet Explorer, Safari, Chrome, Firefox <b>&lt;Active-X free CMS&gt;</b>
Smart Phone Apps.	'Mr. patrol' for both Android/iOS
Electrical Information	
Power Source	AC 110~240V
Consumption	Max. 150W

Hardware	
Video Encoder	H.264 (Main Profile)
Camera Input No.	<b>Max. 16CH (BNC Connector)</b> <b>Or</b> <b>8CH Coaxial + Max. 8CH IP Camera</b> (with Onvif 2.3 or RTSP Protocol)
Input Video Format	<b>AHD, TVI, CVI (up to 5MP)</b> <b>Analog (960H-WD1, 760H-D1)</b> <b>IP (up to 8MP-4K)</b>
Recording Speed	<b>Max. 400/480fps @ full-HD 1080p</b> <b>Max. 200/240fps@4MP, 160fps@5MP</b>
Playback Speed	Same as recording speed
Video Output	2 x HDMI (Max. 4K), 1 x VGA (Max. 1920x1080), 1 x Composite <b>16 x Video Loop-out</b>
Video Spot Out	VGA/HDMI port: full-HD video spot out. Composite port: CVBS video spot out. <i>Spot out videos can be programmable</i>
Max. Monitor Res.	Supporting upto 4K videos on monitor
Audio Encoder	G.711
Audio Input No.	16 CH
Audio Output	1ea
Alarm In / Out	16ea / 16ea
USB Port	3 ea (2 x Front, 1 x Rear)
PTZ Port	1 x RS-485 Terminal Block
e-SATA Port	1ea
POS / ATM	Via USB (USB to Serial)
HDD Bay	8ea (up to 64TB)
Environmental Condition	
Operating Temp	0°C ~ 40°C
Operating Humidity	Up to 90% RH, Non-condensing
Mechanical Form Factor	
System Dimension	430(W) x 90(H) x 410(D)mm
Package Weight	8.02Kg (Without HDD)
Package Dimension	550(W) x 230(H) x 545(D)mm

### Dimension



### Screen Shot

