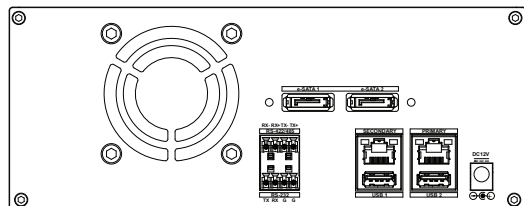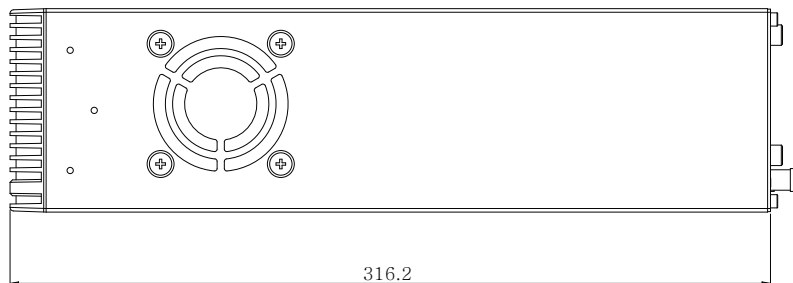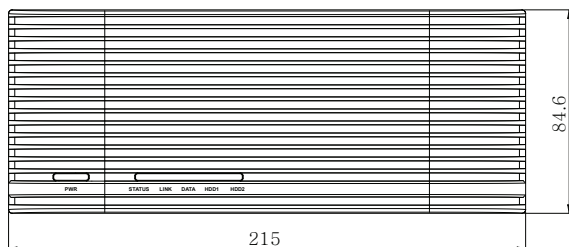# VS-NVR-910
VS-NVR-1610

Marshall Electronics
BROADCAST A/V DIVISION

Stand Alone 9-Channel & 16-Channel Network Video Recorder

DIMENSIONS

84.6

215

316.2

FEATURES

- Support 9 or 16 Channels from D1 to Megapixel Camera
- Synchronized with Joystick and Mouse (USB) Control
- Remote live viewing, playback, backup, I/O control
- Support EMAP
- Support relay streaming from IP Camera to Client SW
- Support various network protocol
- Recording based on associated events schedule
- Various events monitoring and alarm notification
- Support H.264 and MJPEG video compression
- Pre & Post-event recording
- Automatic video encoding setting according to various screen modes
- On-Screen PTZ Control
- Customized event creation by event handler
- Move captured image to email and FTP
- Automatic display unit mapping

Free Marshall VMS Software included

Stand Alone 9-Channel &16-Channel Network Video Recorder

SPECIFICATIONS

Video	Input	Max 9CH / 16CH (Network)
	Output	N/A
	Output resolution	N/A
	Compression	H.264, MJPEG
Display	Speed	270fps@4CIF / 220fps@1280x720 / 100fps@1920x1080
	Screen layout	1, 4, 9, 16, 1+5, 1+7, 2+8, 1+12 / Sequencing
Recording	Bitrate	64Mbps (All channels)
	Resolution	352x240 ~ 2592x1936
	Mode	Continous, Event (Pre/Post), Schedule
Storage	Internal disk	2 x HDD (SATA)
	Expansion	2 x eSTATA
Backup	Device	USB
	File format	AVI, MP4, Native (Player embedded)
Audio	Input	1 x Line-In (stereo, mini-stereo type)
	Output	1 x Line-Out (stereo, mini-stereo type)
	Compression	G.711 / AAC
Network	Interface	2 x Ethernet 10/100/1000Base-T (RJ-45)
	Protocol	IPv4/v6, TCP, UDP, IGMP(Multicast), ICMP, DHCP, HTTP, RTP, RTSP, FTP, SNMP, SMTP, UPnP, WS-Discovery, Zero Configuration, NTP
	Camera Connection/Streaming	MEI protocol, ONVIF, Generic RTSP
	Management software	NVR Manager
	Client software	VMS Client, Web client
User interface	OSD	Multi-lingual
	Control	Mouse (USB)
General	Certifications	CE, FCC, KC, RoHS
	External devices	2 x Sensor-In (dry contact, NO/NC) 2 x Alarm-Out (dry contact, NO) 1 x RS232 port 1 x RS-422/485 port 1 x Buzzer (88dB min) 2 x USB2.0 (Mouse / Backup / HDD)
	Power supply	Min DC12V/TBD
	Power Consumption	DC12V, Max TBD
	Operating Temp.	-10°C ~ 50°C (14°F ~ 122°F) / 20% ~ 80% RH
	Dimension /mm	215(W) x 316.2(L) x 84.6(H)
	Weight	2,120g

Ver. 2.0