



# HIGH DEFINITION **DIGITAL VIDEO RECORDER**

### VV-DV4708-1ST1 8 CH Hybrid DVR







8 CH DVR supports TVI / AHD/CVI 5MP/4MP 1080P/720P/WD1 video input

Support PTZ preset and auto cruise, up to 255 presets and 8 cruises

Support 1080P output, true high resolution display

Multi-mode recording: manual / timed / motion / Al recording

8CH simultaneously playback

Supports remote monitoring on Mobile Client (Android, IOS), IE and through CMS

Pentaplex: preview, record, playback, backup and remote access

Powerful mobile surveillance by smart phones with iOS and Andriod OS

CE FC Rons



## VV-DV4708-1ST1

Operating System   Embedded Linux Operating System     System   Multiplex Operations   Multi-channel real-time recording, playback, network operation, USB backup     Bandwidth   Course interface   Course operation, USB backup     Bandwidth   SMbps   Second System     Incoming Bandwidth   SMbps     Outgoing Bandwidth   OMps     Audio Input   S-ch Composite video 1.0 Vp-p, 75 ohm     Audio Input   T-ch Line in RCA input     Two-way Audio   Take up channel one audio input     VGA Video Output   Resolution: VGA 1: 1920 × 1080 / 1280 × 1024 / 1024 × 768     Audio Output   Resolution: VGA 1: 1920 × 1080 / 1280 × 1024 / 1024 × 768     Multi-Screen Display   1/4/6/8/9/13/16     Resolution: VGA 2: 1 (Interer, 6000)   Network     Multi-Screen Display   1/4/6/8/9/13/16     Resolution: Space 2: (in the rear panel)   Note Compression     Multi-Screen Display   1/4/6/8/9/13/16     Resolution & Resolution: Space 2: (in the rear panel)   Note Compression     Multi-Screen Display   1/4/6/8/9/13/16     Resolution & Resolution: Space 2: (in the rear panel)   Note Compression     Frame Ra			
Multiplex Operations   operation, USB backup     User interface   16-bit true new color graphical menu interface and mouse operation     Bandwidth   32Mbps     Incoming Bandwidth   32Mbps     Outgoing Bandwidth   60Mbps     Video Input   8-ch Composite video 1.0 Vp-p, 75 ohm     Audio Input   1-ch Line in RCA input     Two-way Audio   Take up channel one audio input     VGA Video Output   Resolution: VGA x1: 1920 x 1080 / 1280 x 1024 / 1024 x 768     HDMI Video Output   Resolution: HDMI x1: 1920 x 1080 / 1280 x 1024 / 1024 x 768     Audio Output   Resolution: HDMI x1: 1920 x 1080 / 1280 x 1024 / 1024 x 768     Audio Output   Resolution: HDMI x1: 1920 x 1080 / 1280 x 1024 / 1024 x 768     Multi-Screen Display   1/4/6/8/9/13/16     Resolution & Kes   RS 485   RS 485 x 1 (half-duplex)     USB   USB   USB   USB     Video Compression   H.264/H.265   Audio Compression     Audio Compression   G.711(U/A)   Bit Rate   32Kbps - 4Mbps     Resolution & Frame Rate   PAL: 25 fps 0.1080N,720P   TTS: 30 fps 0.1080N,720P     NTSC: 30 fps 0.1080N,720P   TTS:	System	Operating System	Embedded Linux Operating System
Oser Interface   operation     Bandwidth   32Mbps     Outgoing Bandwidth   60Mbps     Video Input   8-ch Composite video 1.0 Vp-p, 75 ohm     Audio Input   1-ch Line in RCA input     Two-way Audio   Take up channel one audio input     Video Output   Resolution: VGA × 1 : 1920 × 1080 / 1280 × 1024 / 1024 × 768     HDMI Video Output   Resolution: HDMI × 1 : 1920 × 1080 / 1280 × 1024 / 1024 × 768     Audio Output   RCA × 1 (linear, 6000)     Network   RJ45 10M/100M self-adaptive Ethernet port     Multi-Screen Display   1/4/6/8/9/13/16     RS 485   RS 485 × 1 (half-duplex)     USB   USB 2.0 × 2 ( in the rear panel )     Video Compression   G.711(U/A)     Bit Rate   32Kbps - 4Mbps     Recording   SMP Lite/ 4MP Lite/ 1080P/ 1080P Lite/ 720P/WD1     Playback   8 ch 1080N @ 25 fps     Frame Rate   PRL: 25 fps @ 1080N,720P     NTSC : 30 fps @ 1080N,720P   NTSC : 30 fps @ 1080N,720P     Frame Rate   DNS   Dynamic and Static IP support     Protocols Supported   TCP/IP,PPPC,DHCP,DNS,DDNS,UPnP, HTTP,HTTPS,NTP,SMTF		Multiplex Operations	
Bandwidth   GOutgoing Bandwidth   GOMbps     Outgoing Bandwidth   GOMbps   8-ch Composite video 1.0 Vp-p, 75 ohm     Audio Input   1-ch Line in RCA input   Two-way Audio     Two-way Audio   Take up channel one audio input     VGA Video Output   Resolution: VGA × 1 : 1920 × 1080 / 1280 × 1024 / 1024 × 768     HDMI Video Output   Resolution: HDMI × 1 : 1920 × 1080 / 1280 × 1024 / 1024 × 768     Audio Output   Resolution: HDMI × 1 : 1920 × 1080 / 1280 × 1024 / 1024 × 768     Audio Output   Resolution: HDMI × 1 : 1920 × 1080 / 1280 × 1024 / 1024 × 768     Audio Output   Resolution: HDMI × 1 : 1920 × 1080 / 1280 × 1024 / 1024 × 768     Audio Output   Resolution: HDMI × 1 : 1920 × 1080 / 1280 × 1024 / 1024 × 768     Audio Output   Resolution: HDMI × 1 : 1920 × 1080 / 1280 × 1024 / 1024 × 768     Multi-Screen Display   1/4/6/8/9/13/16     Rs 485   RS 485 × 1 (half-duplex)     USB   USB USB 2.0 × 2 (in the rear panel )     Video Compression   H.264/H.265     Audio Compression   G.711(U/A)     Bit Rate   32Kbps ~ 4Mbps     Frame Rate   Prat: 25 fps @ 1080N,720P     Frame Rate   PAL: 25 fps @ 1080N,720P		User interface	
Outgoing Bandwidth60MbpsVideo Input8-ch Composite video 1.0 Vp-p, 75 ohmAudio Input1-ch Line in RCA inputTwo-way AudioTake up channel one audio inputVGA Video OutputResolution: VGA × 1: 1920 × 1080 / 1280 × 1024 / 1024 × 768HDMI Video OutputResolution: HDMI × 1:1920 × 1080 / 1280 × 1024 / 1024 × 768Audio OutputRCA × 1 (linear, 6000)NetworkRJ45 10M/100M self-adaptive Ethernet portMulti-Screen Display1/4/6/8/9/13/16Multi-Screen Display1/4/6/8/9/13/16USBUSB 2.0 × 2 (in the rear panel)Video CompressionG.711(U/A)Bit Rate32Kbps ~ 4MbpsResolution & Frame RateShP Lite/ 4MP Lite/ 1080P/ 1080P Lite/ 720P/WD1Playback8 ch 1080N @ 25 fpsPrame RatePAL: 25 fps @ 1080N,720P NTSC: 30 fps @ 1080N,720PNTSC: 30 fps @ 1080N,720PCloud MonitoringSupportedDDNSDynamic and Static IP supportCMSFull function CMS (Central monitoring software)Client ConnectionMax.5 users accessMobile Client Application<	Bandwidth	Incoming Bandwidth	32Mbps
Audio Input   1-ch Line in RCA input     Two-way Audio   Take up channel one audio input     VGA Video Output   Resolution: VGA x 1: 1920 x 1080 / 1280 x 1024 / 1024 x 768     HDMI Video Output   Resolution: HDMI x 1: 1920 x 1080 / 1280 x 1024 / 1024 x 768     Audio Output   RCA x 1 (linear, 600Ω)     Network   R.145 10M/100M self-adaptive Ethernet port     Multi-Screen Display   1/4/6/8/9/13/16     RS 485   RS 485 x 1 (half-duplex)     USB   USB 2.0 x 2 ( in the rear panel )     Video Compression   H.264/H.265     Audio Compression   G.711(U/A)     Bit Rate   32Kbps ~ 4Mbps     Resolution & Frame Rate   Recording     Playback   8 ch 1080N @ 25 fps     Frame Rate   Cloud Monitoring     DDNS   Dynamic and Static IP support     ODNS   Dynamic and Static IP support     CMS   Full function CMS (Central monitoring software)     Client Connection   Max. 5 users access     Mobile Client Application   Supports android and iOS APP for Smart phone and tablets		Outgoing Bandwidth	60Mbps
InterfaceTwo-way AudioTake up channel one audio inputVGA Video OutputResolution: VGA × 1: 1920 × 1080 / 1280 × 1024 / 1024 × 768HDMI Video OutputResolution: HDMI × 1:1920 × 1080 / 1280 × 1024 / 1024 × 768Audio OutputRCA × 1 (linear, 6000)NetworkRJ45 10M/100M self-adaptive Ethernet portMulti-Screen Display1/4/6/8/9/13/16RS 485RS 485 × 1 (half-duplex)USBUSB 2.0 × 2 (in the rear panel )Video CompressionH.264/H.265Audio CompressionG.711(U/A)Bit Rate32Kbps ~ 4MbpsRecording5MP Lite/ 4MP Lite/ 1080P / 1080P Lite/ 720P/WD1Playback8 ch 1080N @ 25 fpsFrame RatePAL: 25 fps @ 1080N,720P NTSC: 30 fps @ 1080N,720P NTSC: 30 fps @ 1080N,720P NTSC: 30 fps @ 1080N,720P 	Interface	Video Input	8-ch Composite video 1.0 Vp-p, 75 ohm
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HDMI Video OutputResolution: HDMI x 1 :1920 x 1080 / 1280 x 1024 / 1024 x 768Audio OutputRCA x 1 (linear, 6000)NetworkRJ45 10M/100M self-adaptive Ethernet portMulti-Screen Display1/4/6/8/9/13/16RS 485RS 485 x 1 (half-duplex)USBUSB 2.0 x 2 ( in the rear panel )Video CompressionH.264/H.265Audio CompressionG.711(U/A)Bit Rate32Kbps - 4MbpsResolution & Frame RateRecordingPlayback8 ch 1080N @ 25 fpsFrame RatePAL: 25 fps @ 1080N,720P NTSC: 30 fps @ 1080N,720PPotocols SupportedDDNSDDNSDynamic and Static IP supportProtocols SupportedTCP/IP,PPPoE,DHCP,DNS,DDNS,UPnP, HTTP,HTTPs,NTP,SMTP CMSCloud MonitoringSupportedDDNSFull function CMS ( Central monitoring software)Client ConnectionMax. 5 users accessMobile Client ApplicationSupports android and iOS APP for Smart phone and tablets		Two-way Audio	Take up channel one audio input
Audio Output RCA × 1 (linear, 600Ω)   Network RJ45 10M/100M self-adaptive Ethernet port   Multi-Screen Display 1/4/6/8/9/13/16   RS 485 RS 485 × 1 (half-duplex)   USB USB 2.0 × 2 (in the rear panel )   Video Compression H.264/H.265   Audio Compression G.711(U/A)   Bit Rate 32Kbps - 4Mbps   Resolution & Frame Rate   Playback 8 ch 1080N @ 25 fps   Frame Rate PAL: 25 fps @ 1080N,720P   NTSC: 30 fps @ 1080N,720P NTSC: 30 fps @ 1080N,720P   Video Supported DDNS   DDNS Dynamic and Static IP support   Protocols Supported TCP/IP.PPPoE,DHCP,DNS,DDNS,UPnP, HTTP,HTTPs,NTP,SMTP   CMS Full function CMS ( Central monitoring software)   Client Connection Max. 5 users access   Mobile Client Application Supports android and iOS APP for Smart phone and tablets		VGA Video Output	Resolution: VGA × 1 : 1920 × 1080 / 1280 × 1024 / 1024 × 768
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Frame RatePAL: 25 fps @ 1080N,720P NTSC: 30 fps @ 1080N,720PNetwork & Remote MonitoringCloud MonitoringSupportedDDNSDynamic and Static IP supportProtocols SupportedTCP/IP,PPPoE,DHCP,DNS,DDNS,UPnP, HTTP,HTTPs,NTP,SMTPCMSFull function CMS ( Central monitoring software)Client ConnectionMax. 5 users accessMobile Client ApplicationSupports android and iOS APP for Smart phone and tablets		Playback	8 ch 1080N @ 25 fps
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Remote Monitoring CMS Full function CMS ( Central monitoring software)   Client Connection Max. 5 users access   Mobile Client Application Supports android and iOS APP for Smart phone and tablets		DDNS	Dynamic and Static IP support
CMS Full function CMS (Central monitoring software)   Client Connection Max. 5 users access   Mobile Client Application Supports android and iOS APP for Smart phone and tablets		Protocols Supported	TCP/IP,PPPoE,DHCP,DNS,DDNS,UPnP, HTTP,HTTPs,NTP,SMTP
Mobile Client Application   Supports android and iOS APP for Smart phone and tablets		CMS	Full function CMS (Central monitoring software)
		Client Connection	Max. 5 users access
Bandwidth Control VBR (Automatic) and CBR (Manual) supported		Mobile Client Application	Supports android and iOS APP for Smart phone and tablets
		Bandwidth Control	VBR (Automatic) and CBR (Manual) supported

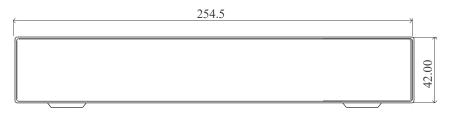
### VV-DV4708-1ST1

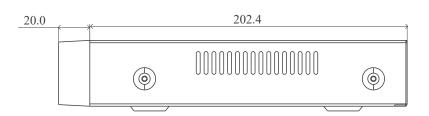
	Playback Function	Play, pause, FF, FB, digital zoom, etc.
	Search Mode	Time slice / time / event / tag search/
	Smart Search	Highlight colors to display the camera record in a certain period of time, different colors refer to different record events
	Alarm Notifications	DVR, FTP, Email notification supported
Recording & Storage	Recording Mode	Manual, motion, exception, smart event
	Storage	1 SATA port up to 10TB
General	Power Supply	DC12V / 2A
	Power Consumption	<8W (Hard disk not included)
	Operating temperature	-10°C to + 50°C
	Working Humidity	90% or less (non condensing)
	Dimensions	255 × 222 × 42mm (W × D × H)
	Weight	1.45kg (without hard disk)
Certifications	Certifications	CE, FCC, ROHS

\*Exact products and specifications shown may vary by geographic region and are subject to change without notice. Product image, weights and measurements are approximate and may vary due to customized solutions & products being offered as per customer requirements.

#### **DIMENSIONS**

Unit: mm





#### VANTAGE INTEGRATED SECURITY SOLUTIONS LIMITED

B3, Bredon House 321, Tenttenhall Road Tettenhall, Wolverhampton West Midlands, WV6 0JZ United Kingdom Ph:+44-1902793383, Email: sales@vantagesecurity.com www.vantagesecurity.com

(AN ISO 9001 : 2008, ISO14001 : 2004 CERTIFIED COMPANY)



