

# Hybrid 16 Channel CCTV DVR



## VT-DVR-16



HD



H.265



DDNS



Network



PTZ



Audio



MIC



Mobile



CMS



USB



Mouse



E-mail

- ~ 4K Hybrid BNC Security Camera DVR / IP Camera NVR / 16ch BNC + 8 IP (24ch Total)
- ~ Supports Analog CCTV (CVBS), HD-over-Coax, and Network IP Cameras
- ~ HD-TVI, AHD, HD-CVI HD-over-Coax Cameras Supported
- ~ 4K Live Display Output via HDMI, 1080p Display via VGA
- ~ Remote Access via Windows and Mac VMS Software
- ~ Remote Mobile Access via iPhone App and Android App
- ~ Alarm Alerts via Email and Push Notification to Mobile Apps
- ~ USB Mouse Included, IR Remote Control Option



[www.viewtron.com](http://www.viewtron.com)

### Viewtron by CCTV Camera Pros

7142 N Seacrest Blvd.  
Lantana, FL 33462  
United States of America

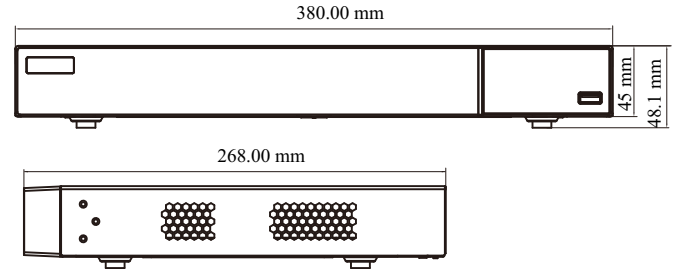
Tel: +1-561-433-8488  
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Fax: +1-800-942-0728  
[info@cctvcamerapro.net](mailto:info@cctvcamerapro.net)

## Features

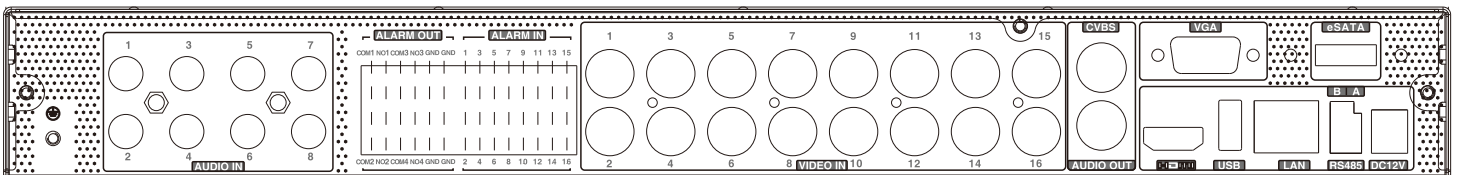
- 16 Channel HD-TVI / AHD / HD-CVI 8MP / 5MP / 4MP / 3MP / 1080P / 720P / WD1 BNC video input
- 16 Channel DVR supports 4k / 8MP / 5MP / 4MP / 3MP / 1080P / 960P / 720P IP video input by default
- 8 Channel analog video input can be switched to 8 Channel IP video input
- Adopt standard H.265 high profile compression format to get high-quality video at much lower bit rate
- Intuitive and user-friendly Graphics User Interface ( GUI ), window style operation by mouse
- Multi-mode recording: manual / timed / motion / sensor / AI recording
- Playback : 16 CH simultaneously playback
- Search: time slice, time, event, tag and smart search
- 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
- Authorization management, log review and device status review
- HDMI 4K output, true high resolution display
- Support PTZ preset and auto cruise, up to 255 presets and 8 cruises
- Support NAT function and QRCode scanning by mobile phones
- Powerful mobile surveillance by smart phones with iPhone App and Android App

## Dimensions



## Rear Panel

### VT-DVR-16



**Specifications**

Model		VT-DVR-16
System	OS	Embedded Linux
Video	Analog Video Input	BNC × 16
		BNC interface (1.0Vp-p; 75Ω)
		TVI/AHD/CVI: 4K@15fps, 5MP@20fps, 4MP/3MP/1080P/720P/WD1@30fps (live)
	IP Video Input	8CH(Up to 16CH)
		Up to 8MP@30fps
	Total Input	24CH
	Output	HDMI × 1 : 3840 × 2160 / 1920 × 1080 / 1280 × 1024 VGA × 1 : 1920 × 1080 / 1280 × 1024 BNC × 1 : CVBS ( used as the main or spot output )
Compression	H.264/H.265/H.265+	
Multi-screen Display	1/4/6/8/9/13/16/25	
Audio	Input	RCA × 8
	Output	RCA × 1 (linear, 600Ω)
	Two-way audio	Take up channel one audio input
	Compression	G.711(U/A)
Record	Resolution	4K/4K Lite/5MP/5MP Lite/4MP/4MP Lite / 3MP/1080P/720P/WD1/D1
	Frame Rate	Analog Channel:4K@ 8fps (PAL/NTSC);4K Lite@12fps/15fps (PAL/NTSC);5MP@12fps (PAL / NTSC); 5MP Lite@20fps (PAL/NTSC);4MP/3MP@12fps/15fps (PAL/NTSC);4MP Lite/1080P/720P/WD1/D1@25fps/30fps (PAL/NTSC) IP Channel: 8MP@ 25fps / 30fps (PAL / NTSC)
	Bit Rate	32Kbps ~ 5Mbps
	Mode	Manual, timed, motion, smart event, etc.
Playback	Playback	16CH
	Search	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
	Function	Play, pause, FF, FB, digital zoom, etc.
Alarm	Mode	Manual, motion, exception, sensor, smart event
	Input	16CH
	Output	4CH
AI Function	Smart Motion Detection Performance	16CH
	Perimeter Protection Performance	1CH
Network	Interface	RJ 45 1000Mbps × 1
	Protocol	TCP/IP, PPPoE, DHCP, DNS, DDNS, UPnP, HTTP, HTTPS, NTP, SMTP
	Incoming Bandwidth	32Mbps (max. 64 Mbps)
	Outgoing Bandwidth	96Mbps
	Client Connection	Max. 10 users access
MobileDevice	OS	iOS, Andriod
Storage	HDD	SATA× 2, up to 10TB per HDD; E-SATA× 1
Backup	Local Backup	U disk, USB mobile HDD
	Network Backup	Yes
Port	RS 485	Yes (half-duplex), connect to PTZ or keyboard
	USB	USB 3.0 × 1; USB2.0 × 1
	Remote Controller	Optional
Others	Power Supply	DC12V / 4A
	Consumption	≤ 30W ( without HDD )
	Dimensions(mm)	380 × 268 × 45 ( W × D × H )
	Working Environment	-10~50°C, 10%~90% (humidity)
	Certificate	CE, FCC
Environmental Protection	Comply with Directive EU RoHS, WEEE, REACH	