

# VIEWTRON SD Series

*8 and 16 channel Analog CCTV DVR*

*Includes fully compatible Software for Mac OS & Windows Computers  
And DVR Viewer Apps for Android, iPhone and iPad Mobile Devices*



Viewtron SD digital video recorders are perfect for home, business, and government surveillance systems which require a simple to use, high quality DVR. *Viewtron DVRs are exclusively manufactured, sold, and directly supported by CCTV Camera Pros.* [View Viewtron surveillance DVRs on our website here.](#)

Analog **Viewtron DVRs** from CCTV Camera Pros come in 8 and 16 channel models. They are compatible with any CCTV cameras with a BNC or RCA video output.

Viewtron Users can access Viewtron DVRs via an Apple Mac computer, Windows PC (through included Software or via Browsers), and all major mobile phone types including the Apple iPhone, Google Android / Droid or Windows Mobile for instant access from anywhere.



*This is a picture of the rear panel of a 16 channel Viewtron SD DVR which has an HDMI out, a SPOT monitor out, a VGA out, USB (in front and back), an RG45 Ethernet, and 4 Audio ins, 1 audio out.*

Viewtron DVRs are also available in HD-SDI hybrid models. [Click here to learn more about HD-SDI vs CCTV video quality](#) and learn more about our [HD-SDI Hybrid DVRs here.](#)

## Viewtron SD (*Standard Definition*) DVR SPECIFICATIONS

Model	<b>VT-SD8: 8 Channels</b> (SD Standard Resolution)	<b>VT-SD16: 16 Channels</b> (SD Standard Resolution)
Operating System	Embedded Linux Operating System	
Pentaflex Function	Simultaneous LIVE, Record, Playback, Archive and Network	
<b>VIDEO</b>		
Video Compression	<b>H.264</b> Codec	
<b>SD Video Input</b>	8 Channels BNC (1.0Vp-p, 75Ω )	16 Channels BNC (1.0Vp-p, 75Ω )
Output Ports	<b>1 VGA</b> (standard PC monitor), <b>1 HDMI</b> (Hi-Res), <b>1 SPOT</b> (uses BNC)	
<b>AUDIO</b>		
Audio Compression	G.726	
Audio Input	<b>4 Audio Channel Inputs</b> (RCA)	
Audio Output	1 Channel Output (RCA)	
<b>DISPLAY</b>		
Speed	Real Time	
<b>Monitor Resolution</b>	<b>1024x768</b> , 1280x720, 1360x768, 1440x900, 1280x1024, 1600x1200, 1920x1080	
Privacy Function	<b>Privacy Masking</b> ( <i>hide area in view</i> ), <b>Covert</b> ( <i>prevent a camera from recording</i> ), <b>Log Off Mode</b> ( <i>to curtail online sessions</i> )	
Split Screen	Split Screen: 1, 4 (2x2), 9 (3x3)	Split Screen: 1, 4 (2x2), 9 (3x3), 16 (4x4)
<b>SD8 RECORD</b> <b>SD16 RECORD</b>		
Recording Rate	<b>CIF: 240 FPS @ 352x240 (30 FPS)</b> <b>D1: 120 FPS @ 704x480 (15 FPS)</b>	<b>CIF: 480 FPS @ 352x240 (30 FPS)</b> <b>D1: 120 FPS @ 704x480 (7.5 FPS)</b>
Quality Control	<b>5 Levels:</b> Lowest, Low, Medium, High and Highest, <i>method used to manually drop quality to gain recording time (as opposed to lowering Frame Rate)</i>	
Recording Mode	<b>Continuous</b> ( <i>nonstop recording</i> ), <b>Schedule</b> ( <i>from time set A to time set B</i> ), <b>Event</b> ( <i>one time scheduled recording</i> ), <b>Emergency</b> ( <i>Panic</i> ) <i>one button record.</i>	
<b>SD8 PLAYBACK</b> <b>SD16 PLAYBACK</b>		
Playback Rate ( <i>same as recording rate</i> )	<b>CIF: 240 FPS @ 352x240 (30 FPS)</b> <b>D1: 120 FPS @ 704x480 (15 FPS)</b>	<b>CIF: 480 FPS @ 352x240 (30 FPS)</b> <b>D1: 120 FPS @ 704x480 (7.5 FPS)</b>
Search Mode	Time Table, Event, Latest Data	
Trick Play	Play, Reverse Play, Fast Forward, Rewind, Step Forward, Step Back, Speed Control	
<b>STORAGE</b>		
HDD	Support <b>3 Hard Drives of 2 Terabytes</b> ( <i>for a max storage capacity of 6 TB</i> )	
USB	<b>2 USB Ports</b> ( <i>one on front and another on rear of device</i> )	
Backup	USB Stick (at DVR), Network (from Mac or PC Software)	
<b>I/O DEVICES</b>		
Sensor Input	8 Channels (TTL-NC/NO)	
Alarm Output	4 Channels Relay-Out	
RS-485 Device	PTZ Control / Keyboard Controller	
<b>NETWORK</b>		
Ethernet	10 / 100 / 1000M Ethernet Port	
Streaming	Support Dual Stream (Record / Network)	
Protocol	TCP/IP, HTTP, NTP, DHCP, DDNS, FTP, SMTP, UPnP	



# CCTV Camera Pros

Video Surveillance Systems for Home, Business & Government

## CLIENT

Software	Remote Live, Search, Set up, CMS, Backup Player, SDK
Web Browsers	Internet Explorer, Safari, Chrome, Firefox
Mobile (3G/4G) Access	Apple <b>iPhone</b> , Apple iPad, <b>Android</b> Phones and Android Tablets
O/S Support	Windows XP / VISTA / 7 & Apple Mac OS

## MISC

Watchdog	H/W Watchdog ( <i>ensures against tampering of video recording</i> )
Control Device	Mouse, Keypad ( <i>on front of device</i> ), Keyboard Controller ( <i>digital</i> ), Network

## ENVIRONMENTAL

Power	Adapter 12V 5A
Operating Temperature	5° ~ 40° Celsius / 41° ~ 104° Fahrenheit
Dimensions	260 ( <i>Width</i> ) x 50 ( <i>Height</i> ) x 220 ( <i>Depth</i> )