



- ▶ View & Record up to 12 HD security cameras
- ▶ Max bandwidth 96Mbps
- ▶ Supports H.264 and H.265 video compression
- ▶ Max. 8 Analog Video Channels (BNC) + 4 IP Video Channels (over network)
- ▶ Add up to 12 IP video channels if no analog video inputs are in use
- ▶ Compatible with CVBS, AHD, CVI, TVI analog cameras in addition to IP cameras up to 4K resolution
- ▶ ONVIF (Camius IP cameras are recommended; 3rd party devices support may be limited Supports recording resolution 960H to 4K (8MP)
- ▶ Fits 1 internal SATA Hard drive up to 8 Terabyte
- ▶ HDMI/VGA/SPOT (CVBS) video output (max 4K)
- ▶ Audio 8 Inputs / 1 Output (RCA)
- ▶ Sensor & Alarm 8 channel input / 1 channel output
- ▶ Various Recordings modes/ Privacy Zone set up / Multiple Users/Logs Management / Motion Detection / E-mail alerts
- ▶ Upload pictures/video to an FTP/Cloud (Dropbox)
- ▶ Back-up footage/Upgrade via 1xUSB 3.0/Control the XVR via a USB mouse (2xUSB 2.0)
- ▶ PC & Mac compatible Video Management Surveillance Client Software
- ▶ Web-browser access (Windows) / iOS & Android mobile app (RXCamview)

Analog Channels IP Channels Protocol Manage

Channel	Channel Name
CH1	CH1
CH2	CH2
CH3	CH3
CH4	CH4
CH5	CH5
CH6	CH6
CH7	CH7
CH8	CH8

Analog Channels IP Channels Protocol Manage

Channel	Edit	State	IP Address/Domain
IP CH3	+		
IP CH4	+		
IP CH5	+		
IP CH6	+		
IP CH7	+		
IP CH8	+		
IP CH9	+		
IP CH10	+		
IP CH11	+		
IP CH12	+		

Auto Assign IP to Camera(s) Channel Delete Default Password



**8 Channel DVR**

The DVR is compatible with CVBS, AHD, CVI, TVI cameras

\*The default auto type is CVI

**12 Channel Network Video Recorder**

Accepts up to 12 IP cameras if no analog channels are utilized

TECHNICAL SPECIFICATIONS		
<b>MODEL</b>		TRIVAULT4K184
<b>TOTAL CHANNELS</b>		12 channels
<b>ANALOG CHANNELS</b>	<b>No of channels</b>	8 channel
	<b>Compatible cameras</b>	CVBS, AHD, CVI, TVI cameras up to 4K resolution
	<b>Image control settings</b>	Select camera type / Date & Time Format / Covert / Color settings (Hue/Bright/Contrast/Saturation)
<b>IP CHANNES</b>	<b>No of channels</b>	4 ( 12 if no analog channels are in use)
	<b>Compatible cameras</b>	Camius IP cameras are recommended for full functionality. 3rd party Onvif compliant IP cameras' functionality and features may be limited
	<b>Image control settings</b>	IR-CUT mode, IR-CUT delay, Lens Flip, Angle Flip, Backlgiht, 3D Noise reduction, WDR, AGC, White balance, Shutter, Time Exposure, Deforg mode (subject to IP camera's features)
<b>TOTAL BANDWIDTH</b>		96Mbps
<b>WIRED AUDIO PORTS</b>		8 INPUTS / 1 OUTPUT
<b>WIRED SENSOR &amp; ALARM CONNECTION</b>		8 INPUTS / 1 OUTPUT
<b>VIDEO COMPRESSION</b>		H.264 / H.265
<b>SYSTEM ACCESS</b>		Surveillance Client Software (PC/Mac compatible)/ Web-client (Windows) / iOS & Android smartphone app (RXCamview)
<b>BITRATE</b>	<b>Maximum bitrate</b>	256-16K
	<b>Control mode</b>	CBR / VBR
	<b>HDMI</b>	Available
<b>DISPLAY VIDEO OUTPUT</b>	<b>VGA</b>	Available
	<b>SPOT</b>	Programmable & activated on CVBS port to display a customized screen with specific cameras in static or sequence mode
	<b>Supported resolution</b>	1024*768, 1280*720, 1280*1024, 1440*900, 1920*1080(1080P), 2560*1440(2K), 3840*2160(4K)
	<b>Display split mode</b>	1/4/6/8/9/S.E.Q.
	<b>Display</b>	Analogue: 4K at 15Fps, 5MP at 20fps, 4MP/3MP/1080P/720P/960H at 30fps (NTSC)/25fps (PAL)
<b>VIDEO RESOLUTION</b>	<b>Recording</b>	Analogue: 4K at 7Fps, 5MP at 10fps, 4MP at 15fps. 3MP at 7fps, 1080p at 30fps (NTSC) / 25fps (PAL); IP channels: max. 30fps (NTSC) / 25fps (PAL)
	<b>Encode</b>	Mainstream: 3840x2160/3072x1728/2592x1944/2592x1520/2304x1296/1920x1080/1280x720 Substream: Analog 704x480/352x240/432x320; IP: 1920x1080/1280x720/640x480/320x240 Mobile stream: 640x480/320x240
<b>RECORD</b>	<b>Record</b>	Enable Recording / Pre-recording ON/OFF) (Main / DualStream) / Synchronized playback:8C (via web: max 4CH) Record Schedule (Normal/Motion/IO/PIR)
	<b>Capture</b>	Supported Resolution 1920x1080 / 1280x720/960x480) / Auto Capture (ON / OFF)/ Select Main or Substream / Configure Normal & Alarm Interval (5 sec to 1 hour) Capture Schedule (Normal/Motion/IO/PIR)
	<b>Disk</b>	1 x Internal Sata HDD up to 8TB capacity. S.M.A.R.T. feature gives full evaluation of the hard drive
<b>DEVICE</b>	<b>Cloud</b>	Cloud storage (Dropbox), Overwrite options (Off/Auto/1 to 90 days)
	<b>General</b>	Language options/Video Format/Record mode/Menu Timeouts/XVR/DVR mode/ Date & Time / Output Configuration
<b>SYSTEM</b>	<b>Multiple languages</b>	Supported (English, Spanish, French, Italian, Russian, ect)
	<b>DVR Maintenance</b>	Log / Load Default (All /Channel/Record/Alarm/Network/Device/System) / Upgrade Firmware / Parameter Management / Schedule Auto Reboot
	<b>IP Camera maintenance</b>	Upgrade firmware / Load default settings / Reboot IP cameras
<b>NETWORK</b>	<b>General</b>	Enable and configure DHCP / PPPoE / 3G / Port Configuration (RTSP/HTTPS/TCP/UPNP/P2P)
	<b>DDNS</b>	Enable/disable & Configure DDNS settings
	<b>Email</b>	Email configuration (TLS/SSL/Auto/Off encryption): max 3 receivers Email schedule
	<b>FTP</b>	Max resolution 1920x1080, Upload Picture / Normal or Alarm video (triggered by Motion, PIR Alarm, Wired I/O, Intelligent) View FTP schedule (Normal/Motion triggered/Alarm IO/PIR/Intelligent Analysis)
	<b>Motion</b>	Buzzer / Record / Post-Recording (30sec-5min)/Show message / Send Email / FTP Picture Upload
<b>ALARM</b>	<b>PIR</b>	Buzzer/Alarm out / Record / Post Recording / Show Message / Send Email / FTP Picture Upload
	<b>I/O</b>	Enable and configure notification (Buzzer/Post recording 30sec-5min) / Show Message/Send email/FTP picture upload / Picture upload to Cloud)
	<b>Intelligent</b>	Perimeter Intrusion, Line Crossing detection, Stationary Object Detection, Sound detection, Occlusion Detection (Analog channels support some of the features. Certain Camius IP cameras support certain Intelligent analysis features). Users can enable Recording/PostRecording/Show Message/FTP Picture and/or Video Upload/ Cloud Picture Upload
	<b>PTZ Linkage</b>	Enable Motion/IO/PIR
	<b>Exception</b>	No space on Disk, Disk Error, Video Loss (enable Buzzer/Alarm out/Show message / Send Email) RS485 (supported protocols: Pelco_D / Pelco-P / COAX1 / COAX2)
<b>PTZ CONTROL</b>		
<b>LAN</b>		RJ-45 port (100/1000M)
<b>USB</b>		1x3.0 USB, 1x 2.0 USB (for a USB mouse, Backup, Firmware upgrade)
<b>POWER SUPPLY</b>		DC12V / 2A
<b>DIMENSIONS</b>		12 x 9 x 2" / 300 x 227 x 53mm