



CTPR-TV804: HD-TVI Multi-System DVR, 4 Ch + 1 Bonus IP Ch (Up to 5 Cameras Total)

1 Bonus IP Channel	H.264 / H.264+	HDMI 1080p with 4K Monitor Support	Simultaneous HDMI/VGA
CVBS Main/Spot	Simultaneous Playback	Smart Search	Free App iOS & Android
FREE CMS	Free MAC Client		

- 1 Bonus IP Channel
- H.264, H.264+ Video Compression
- HDMI up to 4K Resolution
- Simultaneous HDMI/VGA up to 1080p Resolution
- CVBS Main or Spot Monitor
- Simultaneous Playback
- Multiple video search options including Smart Search and Sub-Periods for quick retrieval of footage.
- Free iOS & Android Apps for Smart Phones & Tablets
- Free Central Management Software (CMS) to manage multiple units & sites from a single platform
- Free MAC client software

CTPR-TV804	
Intelligent Video Inputs	
Analog HD/SD Inputs	4
HD Video Resolutions	HD-TVI 720p30(25), 720p60(50), 1080p30(25), HD-AHD 720p30(25), 720p60(50)
Analog CVBS Video Input	Up to 960x480,720x480(NTSC); 960x576,720x576(PAL)
Adaptive Ports	Input Format Auto Detection, HD/SD can be mixed in any combination, at any time
Interface	BNC Connector; 1V p-p, 75Ω
Privacy masking	4 areas programmable in OSD menu
Additional Ultra-IP Plug-and-Play Channels (up to 2Mpixel)	1
Total Cams Supported	5
Video Output	
Main HDMI & VGA	Full HD 1920x1080/60Hz; SXGA: 1280x1024/60Hz; 720P: 1280x720/60Hz; XGA: 1024x768/60Hz. Up to 4K output
CVBS Analog BNC	NTSC 704x480 / PAL 704x576; 1V p-p, 75Ω
Display Modes	1, 2x2, 1+5, 1+7, 3x3, 4x4 split; User Defined Sequence / Alarm Pop-up
Recording	
Video Compression	Dual Stream: H.264 for Main Stream (H.264+ option for Ultra Cameras with H.264+ option)
Video Bitrate	32Kb/s~6Mb/s each channel
Encoding	Main Stream: 1080p (virtual real time to 12FPS max per camera); 720p; WD1; 4CIF; VGA; CIF Sub Stream: WD1, 4CIF (virtual real time); CIF; QVGA; QCIF
Frame Rate	Main Stream: 1/16 fps ~ Real time frame rate (real time at 720p and lower resolutions) Sub Stream: 1/16 fps ~ Real time frame rate
Quality	6 levels: Lowest/Lower/Low/Medium/Higher/Highest
Mode	Continuous; Motion; Alarm; Motion or alarm; Motion + Alarm; None
Motion Detection & VCA	Configurable per camera for area(s), sensitivity and arming schedule programmable by day of week and hour of day (one channel VCA)
Schedule Period	Per day in 1 hour blocks; or 8 time periods per day, each with different record mode; plus holidays
Pre- and Post- Event Recording	Pre-record 0~30 seconds; post record 5s~10 minutes
Playback	
Synchronous Playback	4 channels
Playback Resolution	1080p, 720p, WD1, 4CIF, VGA, CIF, QVGA, QCIF
Search Type	Time/Date; Event (Alarm, Motion, VCA); Manual Tags; Smart Search for motion events from recorded video, sub-periods
Capacity	Up to record rate
Playback Controls	Play; Pause; Forward/Reverse; speed control for single~1.8~Vmax (256x); Slide bar with overview of record type and snapshot display from slider position, VCA based accelerated playback between normal play of VCA events
Digital Zoom During Playback	Supported on Local Displays and CMS + Web
Event & Alarm	
Event Source	MD (Motion Detection), Video Loss, Video Tampering/Exceptions, Video Content Analysis: Line Crossing with Direction (4 lines); Area Intrusion (4 areas) for one BNC channel.

Event Action Schedule	Per day in 1 hour blocks; or 8 time periods per day, each with different record mode; plus holidays
Event Action	Buzzer, E-mail, Alarm Full Screen Pop-up, Notify CMS Client
MD Area	User selectable grid pattern 22x15 areas with adjust per cam sensitivity
System Alarm	
Alarm Source	HDD Error, HDD Full, LAN Fail/Address Conflict, Illegal login, Video Signal Exception/, Record/Capture exception
Alarm Action	Buzzer, E-mail, Notify CMS Client (network permitting), Full Screen Monitoring
Audio	
Two-way audio	Audio input pass through to remote web or CMS client; remote audio from web or CMS client pass through to audio output
Input / Output	1ch Input / 1ch Output; RCA, 2V p-p, 1KΩ
Compression	Up to 64Kbps, G.711u
Network	
Interface	10/100/1000 Self-Adaptive Ethernet
Addressing	Static IP, DHCP, xDSL support
NTP/DST	Supported; choice of time zone, NTP server, DST start/end/offset
Protocols Supported	TCP/IP, PPPoE, DHCP, DNS, DDNS, NTP, SMTP, SNMP, NFS, iSCSI, UPnP™, HTTPS, Plug-and-Play (for connected IP Cams), Utility Device Discovery
NAT	uPnP router NAT/port mapping forwards ports automatically (*Router must support/permit uPnP function)
Users	Up to 128 simultaneous connected users
DDNS	Simple DDNS free service tracks WAN IP address and HTTP port
Security	
User IDs	"Admin", plus multiple configurable login IDs
User Levels	All rights for "admin"; Per camera per user rights assignment for Operator and User levels
User Privilege Control	Local and remote access to Live views, audio, recording, playback, menus, PTZ, alarms, copy, logs, upgrade, reboot and camera views
Storage & Clip Copy	
HDD Storage	1 SATA HDD up to 8Tb
eSATA	
NAS/SAN	up to 8 network disks (8 NAS disks, or 7 NAS disks + 1 IP SAN disk)
Copy Type	Multi-Channel or Single Channel File
Copy Device	USB 2.0 Drive (2 ports)
S.M.A.R.T.	Temperature, duration, error rates, bad sector detection, and more
Serial & I/O	
USB 2.0 Ports	One front, one rear for mouse and data I/O
Serial Port	
RS-485	One; selectable speed and bit pattern; multiple protocols (Pelco P, Pelco D, others)
Keyboard	Input for external control keyboard
Up the Cable Control	Multiple protocols, can be sent out of any BNC port to compatible cameras
User Controls	
Local Controls	Front Panel function and navigation buttons; IR Remote; Mouse
Software	
Web Viewer	Live view, playback and configuration via IE, Firefox, Safari (with free plug-in/extension installed)
User Rights Control	Per user-per camera for multiple functions
Mobile Viewer	iOS and Android supported; live 16 camera views; 4 camera playback; snapshots from live or play; copy clips/record to smartphone; audio support; PTZ control. HD version of app, optimized for tablets
CMS	Free PC and MAC Clients support multiple device viewing, playback (with digital zoom) and configuration; user rights per camera; E-map support; live view up to 64 cameras in 4:3 and 48 cameras in 16:9; up to 16 cameras in playback
Event Logging	Multiple types: alarm, exception, operation, information; dozens of sub-types within each major type
Firmware Upgrade	From USB or remotely
Backup/Restore Configuration	From USB or remotely
General	
Dimension (W x H x D)	12.4" x 9.5" x 1.8" 315 x 242 x 45 mm
Chassis Type	Standalone 1U chassis
Weight without HDDs	3.3 lb. / 1.5Kg
Operating Temp	14°F~131°F (-10°C~55°C)
Operating Humidity	10% ~ 90%
Voltage	12VDC from included power supply, 4 pin DIN; power supply input voltage 100~220 VAC 50~60Hz
Power	Up to 15W
Certifications	FCC, CE, RoHS