

IP Video Surveillance Systems

16 Channel H.264 Standard NVR with PoE

CT 216218 CDAP

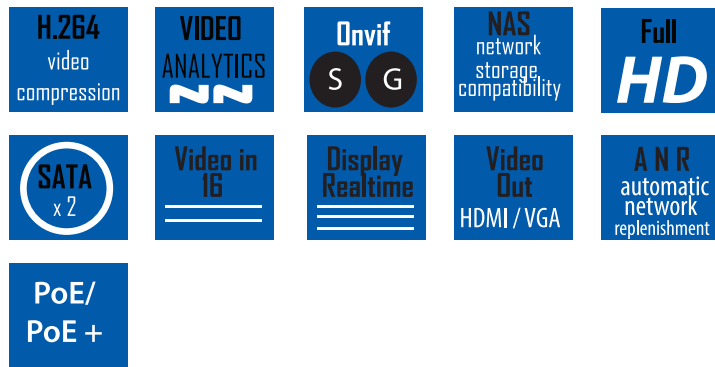
Introduction

CAMETRON Network Video recorders are the perfect choice for security professionals owing to stability, reliability, easy installation and highest level of protection. These NVR's support the Cametron series of network cameras & all the major brands of IP CCTV cameras & the proprietary protocol.

CAMETRON NVR's make it very easy to manage, access and control the associated IP CCTV systems with state of art features like search of videos based on time & date, System integration with access controls, fire alarm systems, electronic article surveillance

The independant PoE ports are built-in supporting IEEE802.3af, IEEE802.3at standards, referred as PoE+

The video content analysis features makes the device series versatile tool for the perimeter & tripwire thereby ensuring the highest level of security



CAMETRON NVR comes with the bundle software package CTSERVER™ for live viewing of 100 IP CCTV cameras on a single screen. and with the feature of connection upto 200 channels. The software free version CTSERVER basic supports the playback unto nine channels, with all universal controls like PTZ, Alarm controls, nested maps using BMP & JPEG images, video walls.

CTSERVER™ VMS supports unto 100 split screens with switch mode features based on cameras, groups, channels, manual etc.

The unit comes with the featured support for SAN & video search unto three index levels based on storage location, recording host, group name, channel name & file type. The CTSERVER™ software supports the device detection status & intelligent video analytics like tripwire etc.

SALIENT FEATURES

- H.264 Video compression
- Input 16 ch(6,5,4,3)MP,1080P,720P,4CIF
- Display 1ch 6,5,4 MP 4ch 3MP 6ch 1080P 12-ch 720P
- Playback 4 ch 3MP, 6ch 1080P,12ch 720P,16ch 4CIF
- PoE , PoE+, 8 Independant ports
- Recording 1080P resolution
- Video Output HDMI x 1, VGA (1920 x 1080)
- Hard disk SATA x 2 (6 TB each = 12 TB total)
- Hard disk Quota & group management
- 16 Ch Intelligent Video Analysis
- USB x 2, RJ 45 (10M/100M)
- Compatible with Observer VMS
- Smartphone Applications SmartCam
- USB x 2, RJ 45 (10M/100M)
- CTSERVER™ VMS (free till 200 Channels)
- CTSERVER™ PRO VMS (1000 Channels)



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CT 216218 CDAP SPECIFICATIONS

VIDEO / AUDIO (input)

Input	16 ch
Audio	1, Aux 3.5mm

VIDEO / AUDIO (output)

HDMI	Output	1 ch
	Resolution	1920 x 1080, 1280 x 720, 800 x 600, 1024 x 768, 1366 x 768, 1440 x 900, 1280 x 800
VGA	Output	1 ch
	Resolution	1920 x 1080, 1280 x 720, 800 x 600, 1024 x 768, 1366 x 768, 1440 x 900, 1280x800
	Mode	Self adaptive resolution & adjustable output
Frame Rate	Mainstream PAL 25fps / NTSC 30fps Substream PAL 25fps /NTSC 30fps	
I-frame record	Available	
Recording Resolution	6MP/5MP/4MP/QSXGA/3MP/1080P/ UXGA/ 720P/ VGA/ 4CIF/DCIF /2CIF/ CIF/QCIF	
Playback (Sync)	4ch 3MP, 6ch 1080P, 12ch 720P, 16ch 4CIF	
Audio	1 (RCA Linear 1kΩ)	

STORAGE

Hard disk	SATA x 2 (6 TB each, 12TB total)
File system	NTFS
Management	HDD Group & Quota

INTELLIGENT

NAS	Yes
Protocol for NAS	NFS supports manual backup only
Plug & Play	Yes for CAMETRON series
Corridor Mode	Yes (16:9 ~ 9:16) only for CAMETRON IP CCTV Camera series
Video Analytics(VCA)	4 Ch Cametron IP CCTV camera for selected Models
VCA Process	Tripwire, Perimeter
Smart Search	VCA videos, all cametron cameras
Trigger Recording	Manual, timing, motion detection, port alarm, VCA alarm, video occlusion
Smart Recording	Set recording bit rate for different time
Alarm Recording	Pre alarm default 10s(5/10/15/60s Optional) , Post alarm default 10s(0/15/30/60/600s optional)

COMPLIANCE & CERTIFICATIONS

CE	Yes
FCC	Yes
RoHS	Yes
Onvif	Yes (S, G)

free version VMS *
paid version #

Ctserver is the trademark associated with the Cametron for softwares & related applications
specifications subject to change without prior notice **

NETWORK

Bandwidth (in/out)	128 Mbps / 64Mbps
Remote users	16 Users unto 48ch videos at once
Browser	IE8, IE9, IE10, IE11, Chrome 30, Firefox 24
Mobile software	P2P & DDNS for Smartphones
Internet Protocol	TCP, UDP, http, Multicast, UPnP, DHCP, DDNS, NFS, NTP, https, RTSP, SADP active on alarm
Email	

INTERFACE

Network	1 RJ-45 10/100Mbps Self-adaptive Ethernet Interfaces
USB Interface	1 x USB2.0, 1 x USB 3.0
Alarm In	-
Alarm Out	1

DECODING

Live view	6MP/5MP/4MP/QSXGA/3MP/ 1080P, UXGA, 720P, VGA, 4CIF, DCIF, 2CIF, CIF, QCIF
Display	6MP/5MP/4MP/QSXGA/3MP/1080P, UXGA, 720P, VGA, 4CIF, DCIF, 2CIF, CIF, QCIF
Sync playback	2 ch 1080P, 4-ch 720P/4CIF
Split screen	1, 4, 9
e-Zoom	Yes

PoE / PoE+

Interface	8 Independent 100 Mbps PoE
Max Power	120W, Max~30W/port
PoE standard	IEEE802.3af, IEEE802.3(PoE +)

GENERAL

Language	English
Power supply	100 ~ 240V AC, 50 ~ 60 Hz
Power consumption	≤ 25W without HDD & PoE
Temperature	-10 °C ~ +55 °C (+14 °F ~ + 131 °F)
Humidity	10 % ~ 90 %
Chasis	1 U
Dimensons(mm)	440 x 280 x 45mm
Weight	Without HDD 3 Kg Gross 3.5 Kg

VMS

Ctserver 32	32 Channel VMS *
Ctserver 64	64 Channel VMS *
Ctserver 128	128 Channel VMS *
Ctserver E	256 Channel VMS #
Ctserver P	256+ Channels #
Ctserver™	VMS 200 Channels #
Ctserver™ PRO	VMS 1000 Channels #



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CAMETRON

NETWORK VIDEO RECORDERS

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ACCESSORIES, SOFTWARES & AFFILIATIONS

SOFTWARES

Ctserver 32	32 Channel VMS basic Software Package
Ctserver 64	64 Channel VMS basic Software Package
Ctserver 128	128 Channel VMS basic Software Package
Ctserver E	256 Channel VMS entry Software Package
Ctserver P	256+ Channels VMS professional Software Package



COMPLIANCE



AFFILIATION



Ordering Information

CT 216218 CDAP 16 Channel NVR, H.264 Codec, 2 SATA HDD, 1 Audio, with PoE

CT 216218 CDA 16 Channel NVR, H.264 Codec, 2 SATA HDD, 1 Audio, without PoE

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