

IP Video Surveillance Systems

20 Channel H.265 4K Resolution NVR

CT 602008 CDHK

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 series supports JBOD, RAID "0, 1, 5, 10", with each raid supports upto 100Mbps, with the feature of RAID HDD backup disk. It supports automatic rebuilding as well as manual support, & one key configuration and the redundant recording at 200Mbps.

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



SALIENT FEATURES

- H.265 Video codec
- Input 20 Ch 4K,6MP,5MP,4MP,3MP,1080P,720P,4CIF
- Display 4K,(6,5,4,3)MP,1080P,720P,4CIF,D1 Realtime
- Playback 4K, 6MP, 5MP, 4MP, 3MP,1080P,720P,4CIF
- JBOD, RAID 0, 1, 5, 10
- 4K Recording resolution
- Video Output HDMI x 2, VGA x 2, 4K any source
- Hard disk SATA x 8 (6 TB each = 48 TB total)
- Hard disk Quota & group management
- 80 Ch Intelligent Video Analysis
- USB x 2, RJ 45 (10M/100M)
- Compatible with Observer VMS
- Smartphone Applications SmartCam
- USB x 3, RJ 45 (10M/100M)
- CTSERVER™ VMS (free till 200 Channels)
- CTSERVER™ PRO VMS (1000 Channels)



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.



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CT 602008 CDK SPECIFICATIONS

VIDEO / AUDIO (input)

Input	20 ch
Audio	1, Aux 3.5mm

VIDEO / AUDIO (output)

HDMI	Output	2 ch
	Resolution	3840 × 2160, 2560 × 1600, 1920 × 1080, 1280 × 720, 800 × 600, 1024 × 768, 1366 × 768, 1440 × 900, 1280 × 800
VGA	Output	2 ch
	Resolution	1920 × 1080, 1280 × 720, 800 × 600, 1024 × 768, 1366 × 768, 1440 × 900, 1280 × 800
	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 4K,6MP; 5ch 5MP; 8ch 4MP; 9ch 3MP; 16ch 1080P; 20ch 720P,4CIF
Audio		1 (RCA Linear 1kΩ)

STORAGE

Hard disk	SATA x 8 (6 TB each, Hot Swap)
File system	NTFS
Management	HDD Group, Quota, record days customization
e SATA	for backup only

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) 20 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
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NETWORK

Bandwidth (in/out)	140 Mbps / 140 Mbps
Remote users	32 Users upto 160ch 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
Intelligent

INTERFACE

Network	2 x RJ-45 10/100/1000Mbps Self-adaptive Ethernet Interfaces
USB Interface	2 x USB2.0, 1 x USB 3.0
Serial port	RS 485 x 2, RS 232 x 1
Alarm In	16
Alarm Out	4

DECODING

Live view	4K, 6MP, 5MP, 4MP, 3MP, 1080P, UXGA, 720P, VGA, 4CIF, DCIF, 2CIF, CIF, QCIF
Display	4K, 6MP, 5MP, 4MP, 3MP, 1080P, UXGA, 720P, VGA, 4CIF, DCIF, 2CIF, CIF, QCIF
Sync playback	4ch (4K, 6MP) 5ch 5MP, 8ch 4MP, 9ch 3MP, 16ch 1080P, 32 ch 720P, 64ch 4CIF
Split screen	1, 4, 6, 8, 9, 10, 16, 20, 25
e-Zoom	Yes

RAID

Mode	JBOD, RAID 0, RAID 1, RAID 5, RAID 10 @100Mbps input per RAID group
Backup Management	Overall & RAID hot Disk
Redundancy	One key configuration, Manual, Auto Redundant recording at 200Mbps

GENERAL

Language	English, Spanish, Korean, Italian, Turkish, French, Thai, Russian, Polish
Power supply	100 ~ 240V AC, 6.3A, 50 ~ 60 Hz
Power consumption	≤ 80W without HDD
Temperature	-10 °C ~ +55 °C (+14 °F ~ + 131 °F)
Humidity	10 % ~ 90 %
Chasis	19" Rack Mount 2U Chassis
Dimensions(mm)	87.8 x 436.6 x 487.2 mm
Weight	Without HDD ≤9.0 Kg Gross 10.0 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 608008 CDK 20 Channel NVR, H.265 Codec, 8 SATA HDD, 1 Audio, RAID (0~10)

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