

ConteraCMR® Compact Desktop NVR Server

24TB Max Storage Cloud Managed Recorder with Dual NIC, and 64 Max Channel Count



AV Costar™ ConteraCMR® Compact Desktop NVR Server is a professional grade, feature rich, digital video recorder built on the Linux® OS embedded platform. Available in a small form factor chassis, the ConteraCMR Compact Desktop recorder supports third-party integration for access control systems and central station monitoring.

ConteraCMR recording solutions can be scaled from one camera to thousands allowing you the flexibility to meet the unique demands of

enterprise level IP installations. With features such as camera discovery protocols and central management software, the ConteraCMR Compact Desktop series makes it easy to deploy and administer an IP surveillance solution.

Whether installing an NVR at a single site or deploying a nationwide central monitoring solution, the ConteraCMR is the right choice for your IP video management needs.



Cloud Management



Cloud Video Export and Sharing



ConteraVMS® License Ready



Linux Standard OS



On-Board Storage Up to 24TB



SSD OS Drive



Dual Gigabit NICs



3 Storage Drive Capacity



Centralized User Management

ConteraWS® provides secure storage of all user profile information, allowing role-based management for hundreds of users and device permissions.



Health Monitoring

Cloud-based health monitoring ensures your cameras and recorders are working properly and minimum recording retention levels are being met.



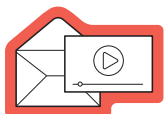
Alerts and Reports

ConteraWS grants insight into operational events at recorder locations and provides valuable business intelligence based on customer or employee activity.



Single Sign-on

Log into ConteraWS Web Services, ConteraVMS, and Arecont Vision Mobile using the same email address and password.



Clip Sharing

Export video clips to the cloud so they cannot be overwritten or lost. Share video clips via email with password protection.

Series Features

- Cloud Management with ConteraWS
- ConteraVMS Ready
- Cloud Video Export and Sharing
- 4, 6, 8, 12, 16, 20, or 24TB Storage Capacity
- 3 Storage Hard Disk Drives (HDDs)
- Linux OS (Optional Microsoft® Windows® OS Upgrade)
- 64 Max Channel Count
- IP Channel Upgrades
- Solid State OS Drive (SSD)
- Intel® Core™ i5 Processor
- Dual Gigabit NICs
- 3-Year Hardware Warranty
- 1-Year Advanced Replacement

Recorder Specifications

Model		AV-CSCDXxT
Recording	Max IP Channels	64
	Max IPS Per Channel	30IPS (dependent on camera settings)
	Recording Resolutions	Up to 4K (dependent on camera settings)
	Recording Rate	Up to 250Mbps
	Maximum Display Resolution	4K (HDMI)
	Image Compression	H.264
Connections	Audio Channels	IP audio support
	Video Outputs	2 x HDMI
	Alarm Sensor Inputs	4 x Form A contacts
	Digital Relay Outputs	4 x Form A contacts
	USB Ports	Front: 2 x USB 2.0 ports Rear: 4 x USB 3.0 / 2 x USB 2.0 ports
Software	Video Signal Loss Detection	Yes
	Maximum Console Live View	16 Channels
	Maximum Client Side Live View	64 Channels
	Maximum Global Search	64 Channels
	Motion Detection	AV Costar camera side or ONVIF Profile S server side
	Remote Operation	ConteraVMS thick client / thin (web) client / mobile apps
	User Management	Web or local based user permissions and account management
	Recording Mode	Continuous / Motion / Continuous + Motion / Live Only
	Playback Search	Multi-channel playback (1, 4, 9, 16) / Calendar / Timeline / Thumbnail / Event (VMS and web client) / Object (VMS)
	Clip Backup	Cloud / USB
	Digital Signature Support	MP4
	Web Connect	Yes
	Operating System	Linux (standard) / Microsoft Windows (optional)

General

Network	Dual Gigabit NICs
Keyboard and Mouse	Included
Operating Temperature	Max temperature: 104°F (40°C)
OS Drive Configuration	Solid State Drive
Maximum Storage Configuration	Up to 24TB
Processor	Intel Core i5
Warranty	3 Years, 1 year advanced replacement

Electrical

Input Voltage	300W (100V–240V auto switching)
Power Consumption	110W max

Compliance

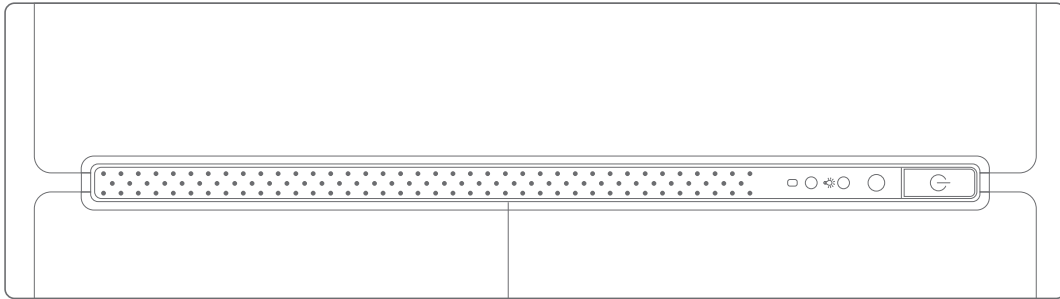
IP Camera Support	AV Costar / ONVIF Profile S / RTSP
Certification	UL certified
CoO	Made in the USA

Mechanical

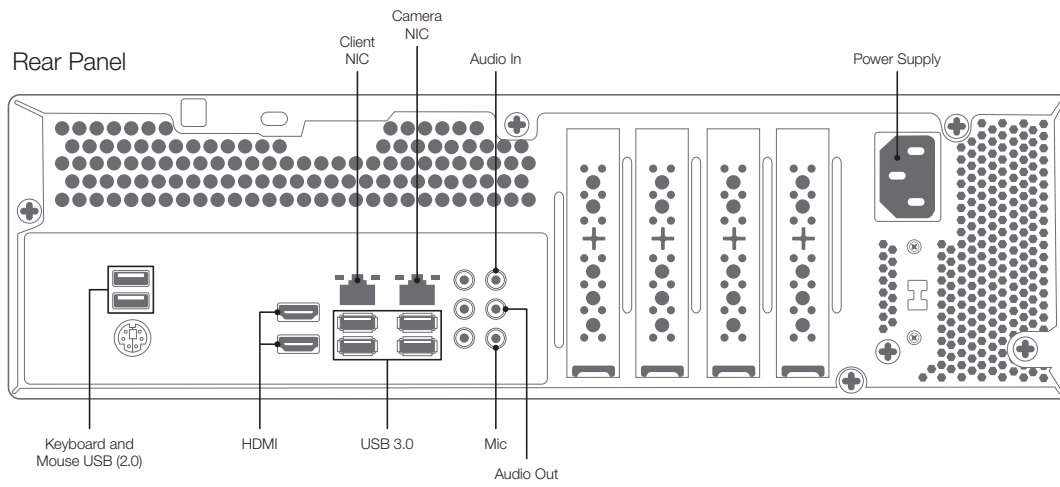
Dimensions <i>(See Dimensions)</i>	Unit	13" W (330mm) x 3.8" H (96mm) x 14.4" L (365mm)
	Packaged	15" W (381mm) x 7.9" H (202mm) x 19.7" L (500mm)
Weight	Unit	20lbs (9.1kg)
	Packaged	24lbs (10.9kg)

Controls and Connections

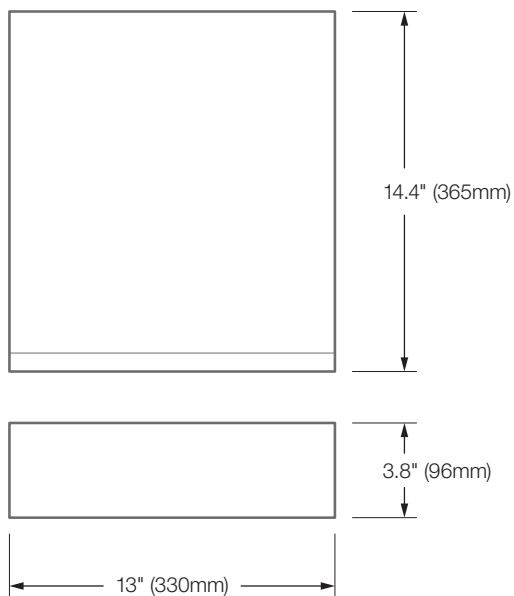
Front Panel



Rear Panel



Dimensions



See Next Page for Ordering Information



Configurations



Standard

Model Numbers

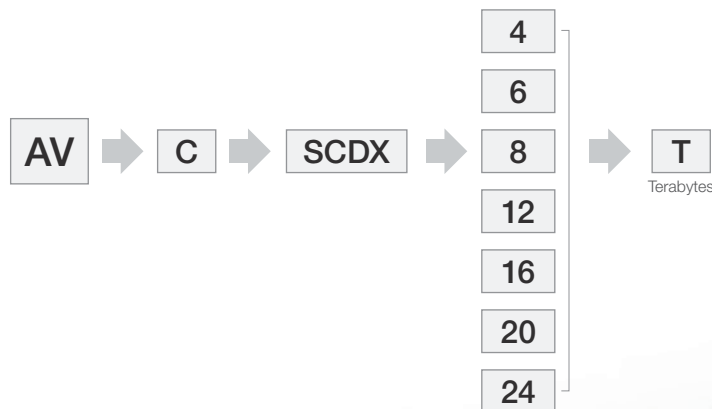
Models	
	AV-CSCDX4T
	AV-CSCDX6T
	AV-CSCDX8T
	AV-CSCDX12T
	AV-CSCDX16T
	AV-CSCDX20T
	AV-CSCDX24T

Factory Upgrade*

AV-CL2WUPG	Linux to Windows OS Upgrade
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Create Your Model (Example: AV-CSCDX24T)

Contera Series	Compact Desktop NVR Server	Default Storage	Storage Type
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* Factory upgrade must be ordered at the time of purchase

Software and Service Licenses

Part Number	Description
ConteraVMS	
ConteraVMS Software Licenses	
AV-CST1	ConteraVMS Standard 1 Channel Recording License
AV-CPM1	ConteraVMS Premium 1 Channel Recording License
AV-CPR1	ConteraVMS Professional 1 Channel Recording License
ConteraVMS Software Expansion Licenses	
AV-CST1-EXP	ConteraVMS Standard 1 Channel Expansion Recording License
AV-CPM1-EXP	ConteraVMS Premium 1 Channel Expansion Recording License
AV-CPR1-EXP	ConteraVMS Professional 1 Channel Expansion Recording License
ConteraVMS Software Upgrade Licenses	
AV-CSUBAPM	ConteraVMS Standard to Premium 1 Channel License Upgrade
AV-CSUPMPR	ConteraVMS Premium to Professional 1 Channel License Upgrade
ConteraWS	
ConteraWS (Web Services) Access License Including Software Updates	
AV-CWS1Y	ConteraWS 1 Year 1 Channel Access License
AV-CWS4Y	ConteraWS 4 Year 1 Channel Access License
AV-CWS5Y	ConteraWS 5 Year 1 Channel Access License
ConteraWS (Web Services) Cloud Storage Expansion	
AV-CWS1Y50GB	ConteraWS 50GB Cloud Storage Expansion (1 Year)

