



# Central Point IP

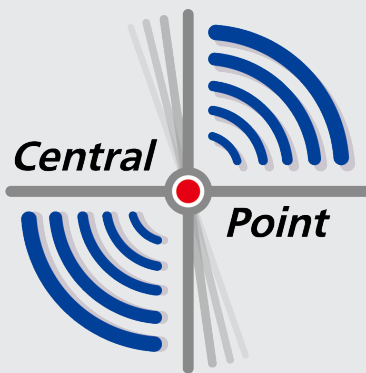
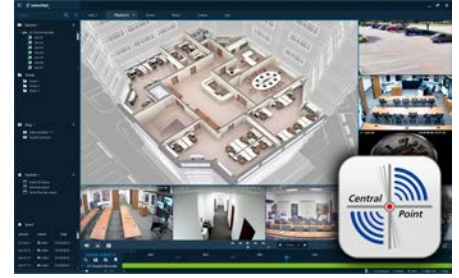
**COSTAR**  
VIDEO SYSTEMS  
[www.costarvideo.com](http://www.costarvideo.com)

# VIDEO MANAGEMENT SOFTWARE (VMS)

## CENTRAL CONNECT TECHNOLOGY

### A Better Way to CONNECT Cameras

Costar *Central Connect Technology* allows a camera to easily connect to a CI series recorder by having the camera automatically assign itself an IP address and configure a recording profile. Within minutes, Central Connect cameras self-configure themselves and appear on the network hassle-free. This time-saving technology makes setting up your Central Connect camera quick and easy. Built for a wide-spectrum of economy to enterprise level applications, Central Connect delivers a complete solution that can support over 1,000 recorders. This system can utilize 4, 8, 16, and 32, channel NVR models, and every Central Connect system is 100% ONVIF Profile S and Profile T compatible.

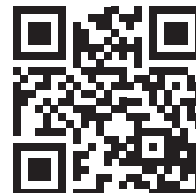


### What is Central Point?

*Central Point* is a powerful Video Management System (VMS) for Costar Central Connect Technology that allows users to intuitively view live camera feeds and access specialized video tools such as event search, playback, video export, and more. It contains a video event search function for archived footage as well as event mapping features to showcase specific video segments where movement is present. An included intuitive mapping system also allows you to overlay camera placements on top of a digital image to more easily control the user interface. Using this feature, users can click on camera icons and easily see the field of view associated with that camera's location inside buildings or other areas on the map with camera icons.



 <http://bit.ly/2oil6vX>



**1** User Management  
**2** Logical Grouping  
**3** Map  
**4** Favorite Layouts  
**5** Events  
**6** Tabs  
**7** Camera Grid  
**8** Playback Bar  
**9** Pages  
**10** Layout Views

### Key Features of Central Point

- 1 User Management**  
Gives administrators the ability to configure and set up preferences for the system
- 2 Logical Grouping**  
Group recorders for easy access to user defined regions or combine multiple recorders in the same location to appear as one recorder
- 3 Map**  
Using a JPEG background image, cameras can be plotted on the map for a quick visual reference to the live image view
- 4 Favorite Layouts**  
Each user can customize and save screen view layouts
- 5 Events**  
View real time event activity and quickly access the video
- 6 Tabs**  
Organize and view live feeds, playback, maps, events, logs, and statuses on a single monitor or detach to see on multiple monitors
- 7 Camera Grid**  
Divide the screen from a single image to a 64 camera grid
- 8 Playback Bar**  
Play, pause, and use multiple tools to search recorded video
- 9 Pages**  
Scroll through as many as 64 live images or videos
- 10 Layout Views**  
Design and save your own customized screen layouts

**BEYOND SURVEILLANCE**

**CAPTURE STORE ANALYZE**

**Western Digital**



**WD Purple™ microSD**



**WD Purple™ Hard Drive**



**Ultrastar™ Hard Drive**

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# SPECIALTY CAMERAS

MODEL	PTZ	360 Cameras		Remote Head	Height Strip
	 CDI2112PZ2	 CDI5H360	 CDI12H360VIV	 CCI2110HW	 CCI2143HSB (Black) CCI2143HSS (Silver)

## CAMERA

<b>IMAGE SENSOR</b>	1/2.8" Sony Exmor CMOS Sensor	1/1.8" SONY Exmor CMOS Sensor	1/1.7" SONY STARVIS™ CMOS Sensor	1/2.8" Sony Exmor CMOS Sensor	1/2.8" Sony Exmor CMOS Sensor
<b>LENS</b>	5.32-62.61mm Auto Focus, 12x Optical, 16x Digital	Fixed-focal 1.05mm, F2.8	Fixed 1.29mm F2.4	(Lens not included)	4.3mm Pinhole Lens
<b>DAY &amp; NIGHT</b>	True D/N (Auto, Day, Night)	True D/N (Auto, Day, Night)	True D/N (Auto, Day, Night)	True D/N (Auto, Day, Night)	True D/N (Auto, Day, Night)
<b>IR LED</b>	-	-	6 IR LEDs	-	-
<b>IR RANGE</b>	-	-	Up to 33 ft (10.06 m)	-	-
<b>REMOTE FOCUS</b>	Yes	-	-	-	-
<b>DEGREES OF PAN</b>	360°	Fixed	Fixed	Fixed	Fixed
<b>DEGREES OF TILT</b>	0° to 180° (Digital Flip)	Fixed	Fixed	Fixed	Fixed
<b>VIDEO OUTPUT</b>	-	-	1 Removable Tech Port	1 BNC	BNC 1Vp-p Analog



## IMAGE

<b>RESOLUTION</b>	1920 x 1080	2592x1944	4000x3000	1920 x 1080	1920x1080
<b>FRAME RATE</b>	Up to 30 fps	15 fps	30 fps	Up to 50/60 fps	Up to 30 fps
<b>DIGITAL NOISE REDUCTION</b>	2DNR / 3DNR	2DNR / 3DNR	2DNR / 3DNR	2DNR / 3DNR	2DNR / 3DNR
<b>WIDE DYNAMIC RANGE</b>	120dB (True WDR)	D-WDR (72db)	True WDR 120db	120 dB (True WDR)	120dB (True WDR)
<b>MINIMUM ILLUMINATION</b>	Color: 0.5 Lux BW: 0.1 Lux	Color: 0.3Lux@F2.8 BW: 0.07Lux@F2.8	Color : 0.09Lux@F2.4 BW : 0Lux(IR LED on)	Color: 0.007 Lux @ F1.3 BW: 0 Lux @ F1.3	Color: 0.5 Lux @ F2.0
<b>MOTION DETECTION</b>	16 Programmable Areas (Include Area 8, Exclude Area 8)	16 Programmable Areas (Include Area 8, Exclude Area 8)	16 Programmable Areas (Include Area 8, Exclude Area 8)	16 Programmable Areas (Include Area 8, Exclude Area 8)	16 Programmable Areas (Include Area 8, Exclude Area 8)
<b>DEFOG</b>	Yes	Yes	Yes	Yes	Yes
<b>PRIVACY MASKING</b>	8 Programmable Zone	8 Programmable Zone	4 Programmable Zone	8 Programmable Zone	8 Programmable Zone
<b>COMPRESSION</b>	H.264, MPEG4, MJPEG	H.264 (Baseline, Main, High Profile), MJPEG	H.264/H.265(Baseline, Main, High Profile), MJPEG CBR, CVBR (Max Bitrate: 10Mbps)	H.264, MJPEG	H.264, MJPEG
<b>STREAMING</b>	Triple Stream : H.264x2, MJPEGx1	Triple Stream : H.264x2, MJPEGx1	Quad Stream : H.264/H.265x3, MJPEGx1	Quadruple Stream : H.264x3, MJPEGx1	Triple Stream : H.264x2, MJPEGx1
<b>CAMERA PROTOCOL</b>	IPv4/IPv6, TCP/IP, UDP, UTP, HTTP, HTTPS, FTP, uPnP, QoS, RTP, RTSP, RTCP, DHCP, ARP, Zeroconf, Bonjour	TCP/IP, UDP, IPv4/v6, HTTP, HTTPS, QoS, FTP, UPnP, RTP, RTSP, RTCP, DHCP, ARP, Zeroconf, Bonjour	TCP/IP, UDP, IPv4/v6, HTTP, HTTPS, QoS, FTP, UPnP, RTP, RTSP, RTCP, DHCP, ARP, Zeroconf, Bonjour	TCP/IP, UDP, IPv4/v6, HTTP, HTTPS, QoS, FTP, UPnP, RTP, RTSP, RTCP, DHCP, ARP, Zeroconf, Bonjour	HTTP, RTP/RTSP, ICP/IP, FTP, Telnet, RARP, PPPoE, PAP, CHAP, DHCP, SMTP, client (email), NTP
<b>MICRO SD TYPE</b>	-	SDHC, SDXC (Class 10, 128GB Max)	SDHC, SDXC (Class 10, 128GB Max)	SDHC (32GB max)	SDHC (32GB max)



















## GENERAL

<b>POWER CONSUMPTION</b>	12 Watt Max	110mA(5.3W)@PoE ~ 400mA(4.8W)@ 12VDC	260mA(12.5W)@PoE ~ 950mA(11.4W)@ 12VDC	5.5 Watts	80mA(3.9W)@PoE ~ 250mA(3.0W)@ 12VDC
<b>POWER SOURCE</b>	DC12V, AC24V or PoE	PoE(IEEE802.3af Compliance, Class0)/ 12VDC	PoE(IEEE802.3af Compliance, Class0)/ 12VDC	PoE or DC12V	PoE or 12VDC
<b>IP RATING</b>	IP66	-	IP66	-	-
<b>HUMIDITY</b>	0~90% RH (Non-Condensing)	0~90% RH (Non-Condensing)	0~90% RH (Non-Condensing)	0~90% RH (Non-Condensing)	0~90% RH (Non-Condensing)
<b>TEMPERATURE</b>	14°F ~ 122°F -10°C ~ 50°C	14°F ~ 122°F -10°C ~ 50°C	-4°F ~ 122°F -20°C ~ 50°C	-4°F ~ 122°F -20°C ~ 50°C	14°F ~ 122°F -10°C ~ 50°C
<b>DIMENSIONS</b>	Ø 6.06" x 5.90" Ø 154 x 150 mm	4.69"(Ø) x 2.51"(H) 11.91(Ø) x 6.38 (H) cm	5.96"(Ø) x 2.33"(H) 15.14 (Ø) x 5.92 (H) cm	3.5" x 3.3" x 11" 8.89 x 8.38 x 27.94 cm	2.2" x 34.5" x 2.1" 5.59 x 87.63 x 5.33 cm
<b>WEIGHT</b>	3.53 lbs (1.6 kg)	0.60 lbs (0.27 kg)	1.52 lbs (0.69 kg)	2.27 lbs (1.03 kg)	3 lbs (1.36 kg)
<b>APPROVALS</b>	FCC, CE, KC	FCC, CE, KC	FCC, CE, KC	FCC, CE, KC	FCC, CE, KC

# RECORDERS

MODEL				
	CR04CI00	CR08CI00	CR16CI00	CR32CI00
<b>VIDEO / RECORDING</b>				
VIDEO INPUT CHANNEL	4ch	8ch	16ch	32ch
VIDEO INPUT RESOLUTION	Up to 8MP	Up to 8MP	Up to 8MP	Up to 8MP
DISPLAY RESOLUTION (VGA, HDMI)	3840x2160, 1920x1080, 1280x720, 1024x768	3840x2160, 1920x1080, 1280x720, 1024x768	3840x2160, 1920x1080, 1280x720, 1024x768	3840x2160, 1920x1080, 1280x720, 1024x768
DISPLAY OUTPUT	1 VGA, 1 HDMI	1 VGA, 1 HDMI	1 VGA, 1 HDMI	1 VGA, 1 HDMI
DISPLAY SPEED	120fps	240fps	480fps	960fps
DISPLAY MODE (VGA, HDMI)	1/4 Split, Sequence	1/4/9 Split, Sequence	1/4/9/16 Split, Sequence	1/4/9/16/36 Split, Sequence
VIDEO COMPRESSION	H.264, H.265	H.264, H.265	H.264, H.265	H.264, H.265
RECORD RESOLUTION	Up to 8MP	Up to 8MP	Up to 8MP	Up to 8MP
RECORD SPEED	Main Stream: 120fps@8MP 32Mbps	Main Stream: 240fps@8MP 64Mbps	Main Stream: 480fps@8MP 128Mbps	Main Stream: 960fps@8MP 256Mbps
RECORD MODE	Continuous, Motion, Alarm, Panic	Continuous, Motion, Alarm, Panic	Continuous, Motion, Alarm, Panic	Continuous, Motion, Alarm, Panic
PRE ALARM	1sec ~ 5sec	1sec ~ 5sec	1sec ~ 5sec	1sec ~ 5sec
POST ALARM	5sec ~ 1 hour	5sec ~ 1 hour	5sec ~ 1 hour	5sec ~ 1 hour
<b>NETWORK / STORAGE</b>				
ETHERNET (WAN)	RJ45 10/100/1000 Base-T	RJ45 10/100/1000 Base-T	RJ45 10/100/1000 Base-T	RJ45 10/100/1000 Base-T
ETHERNET	38W 4 RJ45 10/100 Base-T (IEEE802.3at)	73W 8 RJ45 10/100 Base-T (IEEE802.3at)	130W 16 RJ45 10/100 Base-T (IEEE802.3at)	130W 16 RJ45 10/100 Base-T (IEEE802.3at)
MAX NETWORK THROUGHPUT	72Mbps, Bandwidth Control	144Mbps, Bandwidth Control	576Mbps, Bandwidth Control	576Mbps, Bandwidth Control
REMOTE MONITORING	Central Point VMS, Web, iOS™, Android™	Central Point VMS, Web, iOS™, Android™	Central Point VMS, Web, iOS™, Android™	Central Point VMS, Web, iOS™, Android™
INTERNAL HDD	2 SATA Interface	2 SATA Interface	4 SATA Interface	4 SATA Interface
EXTERNAL STORAGE	iSCSI	iSCSI	iSCSI, 1 e-SATA	iSCSI, 1 e-SATA
CLIP COPY	USB	USB	USB	USB
CLIP COPY FILE TYPE	EXE, H4V, AVI, MP4	EXE, H4V, AVI, MP4	EXE, H4V, AVI, MP4	EXE, H4V, AVI, MP4
<b>INTERFACE</b>				
AUDIO	1 RCA Input 4 IP camera/ 1 RCA Output, 1 HD Output	1 RCA Input 8 IP camera/ 1 RCA Output, 1 HD Output	1 RCA Input 16 IP camera/ 1 RCA Output, 1 HD Output	1 RCA Input 32 IP camera/ 1 RCA Output, 1 HD Output
ALARM	4 Input / 1 Output (Terminal block)	8 Input / 1 Output (Terminal block)	16 Input / 1 Output (Terminal block)	16 Input / 1 Output (Terminal block)
SERIAL PORT	1 RS485 (Terminal Block)	1 RS485 (Terminal Block)	1 RS485 (Terminal Block)	1 RS485 (Terminal Block)
USB	2 USB 2.0, 1 USB 3.0	2 USB 2.0, 1 USB 3.0	2 USB 2.0, 1 USB 3.0	2 USB 2.0, 1 USB 3.0
TEXT IN	POS/ATM (VSSI-Pro, ASCII, Network)	POS/ATM (VSSI-Pro, ASCII, Network)	POS/ATM (VSSI-Pro, ASCII, Network)	POS/ATM (VSSI-Pro, ASCII, Network)
USER INTERFACE	Mouse, USB/RS485 Keyboard	Mouse, USB/RS485 Keyboard	Mouse, USB/RS485 Keyboard	Mouse, USB/RS485 Keyboard
SIMULTANEOUS PLAYBACK	1/4 Split, Sequence	1/4/9 Split, Sequence	1/4/9/16 Split, Sequence	1/4/9/16/36 Split, Sequence
PLAYBACK MODE	Forward, Backward, 2x ~ 64x	Forward, Backward, 2x ~ 64x	Forward, Backward, 2x ~ 64x	Forward, Backward, 2x ~ 64x
SEARCH MODE	Time, Event, Thumbnail, Text, Smart (motion), VC	Time, Event, Thumbnail, Text, Smart (motion), VCA	Time, Event, Thumbnail, Text, Smart (motion), VCA	Time, Event, Thumbnail, Text, Smart (motion), VCA
<b>GENERAL</b>				
POWER CONSUMPTION	Max 18.5W (2HDD, Without PoE)	Max 21.2W (2HDD, Without PoE)	Max 35W (4HDD, Without PoE)	Max 35W (4HDD, Without PoE)
POWER SOURCE	48VDC, 1.2A	48VDC, 2.0A	AC 100~240V	AC 100~240V
TEMPERATURE	0°F ~ 113°F -14°C ~ 45°C	0°F ~ 113°F -14°C ~ 45°C	0°F ~ 113°F -14°C ~ 45°C	0°F ~ 113°F -14°C ~ 45°C
DIMENSIONS	14.76" x 1.76" x 12.53" 37.49 x 4.47 x 31.83 cm	14.76" x 1.76" x 12.53" 37.49 x 4.47 x 31.83 cm	17.15" x 3.49" x 14.02" 43.56 x 8.86 x 35.61 cm	17.15" x 3.49" x 14.02" 43.56 x 8.86 x 35.61 cm

# MOUNTS

MODEL									
	CDI2H12IWF	CBI8H11IFW	CDI2H12IWF	CDI2H12VIFW	CDI2H12VIFW	CDI2129VW	CDI2112PZ2	CDI5H360	CDI12H360VIW
 CDMWMH10			✓	✓	✓			✓	
 CDMPMH10			✓	✓	✓			✓	
 CDMJBH10	✓	✓	✓	✓	✓			✓	✓
 CDC2440							✓		
 CDC2580							✓ with 		
 CDC2600CL							✓ with 		
 CDMKM (Kit)							✓		

# **COSTAR** **VIDEO SYSTEMS**

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