

# Digital Sentry® DS-CPPC Workstation

## WITH DS CONTROLPOINT SOFTWARE FOR OPERATORS

### Product Features

- Optimized to Support Pre-Installed DS ControlPoint Software
- Provides Access to Multiple DS Servers
- Supports Pelco and Third-Party IP Cameras and Network Encoders
- Compatible with DS ControlPoint for Simultaneous Monitoring of All DS Series and DX Series Products in a Single Client Interface
- Displays Up to 10X 1080p Video Streams or 54X 720p Video Streams
- Network Health and Event Monitoring Support Through Simple Network Management Protocol (SNMP) and New Digital Sentry® System Information (DSSI) Utility
- Compatible with the DS Archive Utility
- Supports Pelco NET5300T Series and NET5400T Series Video Servers (Encoders)

### Optimized For Video Surveillance

The Digital Sentry® ControlPoint Workstation (DS-CPPC) is optimized to deliver the essential hardware support for the DS ControlPoint software without the extra cost or risk of integrating hardware and software.

Boosted by the 4th Generation Intel® Xeon processor and 8 GB of RAM, DS-CPPC provides an optimal combination of processing power and reliability to meet the demands of HD video recording and playback operations.

Two gigabit network ports provide for convenient network architecture planning, allowing the DS-CPPC to access DS servers spanning across networks.

Front panel LED displays on the DS-CPPC provide information on system operation. The LEDs are integrated with the new Digital Sentry System Information (DSSI) utility, providing critical, real-time statistics on system resource utilization, temperature, and throughput status.



- Supports Pelco IP Cameras with Sarix® HD Technology
- Supports the Display of MJPEG; MPEG-4; and H.264 Baseline, Main, and High Profile-Encoded Streams from IP Cameras

### DS ControlPoint

DS ControlPoint is an intuitive, graphical user interface used to monitor and operate a combination of analog and IP video capture devices across an IP network.

DS ControlPoint is easy to use with a tabbed environment, which allows operators to quickly switch between several work spaces. Selecting live or recorded data from one or more locations is as simple as a single click.

DS ControlPoint displays exceptionally high-quality images captured by any one of Pelco's robust line of standard resolution and megapixel IP cameras, along with hundreds of IP video capture devices from major industry providers.

DS ControlPoint includes a video scrub bar to make finding the right segment of video efficient and effortless. Built-in bandwidth throttling, along with override capabilities on a client-by-client basis, makes deploying IP video security nonintrusive over an existing network topology. Operator alerting functions, such as video pop-up on alarm, allow for effective monitoring of hundreds of cameras.



by Schneider Electric



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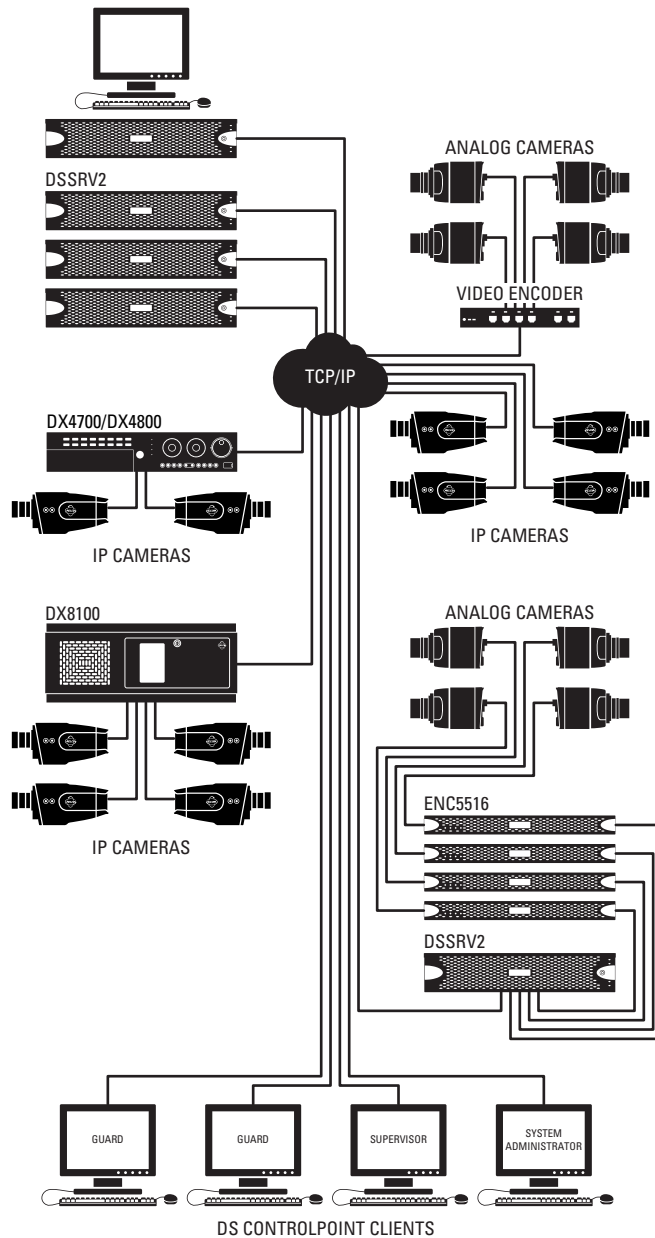
# TECHNICAL SPECIFICATIONS

## Open Architecture

The cornerstone of Digital Sentry design, a fully Open Architecture, is provided through ONVIF compliance and support for a large number of IP-specific drivers. Users can choose specific IP cameras or encoders to fit their application.

In addition, the Digital Sentry platform supports the Pelco API and a full suite of integration tools, allowing Digital Sentry to be integrated into access control or physical security information management (PSIM) systems.

Eliminate the risk of deferred support that comes with VMS software from one vendor and a general purpose hardware platform from another. Replace it with the assurance of an integrated platform built specifically for the rigors of IP video recording. Make the performance, reliability, and Open Architecture of DS NVs running on DSSRV NVR the core foundation of your video management solution.



**IMPORTANT NOTE. PLEASE READ.** The network implementation is shown as a general representation only and is not intended to show a detailed network topology. Your actual network will differ, requiring changes or perhaps additional network equipment to accommodate the system as illustrated. Please contact your local Pelco representative to discuss your specific requirements.

# TECHNICAL SPECIFICATIONS

## SYSTEM

Processor	Intel® Xeon E3-1275 v3
Operating System	Windows 7 Ultimate 64-bit
Internal Memory	8 GB DDR3 Non-ECC RAM
User Interface	DS ControlPoint
Internal Storage	
SSD	120 GB
HDD	4 TB
Drive Bays	4 (2 unused)
Optical Drive	DVD±RW
USB Ports	3 USB 2.0 ports (1 front, 2 rear) 2 USB 3.0 ports (rear)

## VIDEO

Video System	Intel HD Graphics P4700 (shared memory)
Max Resolution	3840 x 2160 per DisplayPort output (2x) 1920 x 1200 @ 60 Hz on DVI-D output 1920 x 1200 @ 60 Hz on VGA output
Video Outputs	Supports up to 3 simultaneous displays using any combination of the four outputs
Video Standards	60 Hz capable for NTSC 75 Hz capable for PAL
Video Decoding Supported	MPEG-4 ASP; H.264 Baseline, Main, and High profiles
Decoding Performance	10X H.264 streams at 1920 x 1080, 100 image quality, 30 frames per second, averaging 3.5Mbps 54X H.264 streams at 1280x720, 100 image quality, 12.5 frames per second, averaging 3 Mbps
Live Panoramic Decoding	6 Oncam EVO-05 cameras 4 Oncam EVO-12 cameras 2 Optera IMM12018, IMM12027, or IMM12036 cameras

## AUDIO

Audio Decoding	G.711 speech codec
Audio Bit-rate	64 kbps
Audio Levels	
Input	Electret microphone
Output	Up to 3 Vp-p, adjustable, minimum load of 8 ohms
Audio Connectors	2, 3.5 mm stereo jacks
Connector Tip	Signal left (input and output)
Connector Ring	Signal right (input and output)
Connector Sleeve	Common
Audio Inputs	Microphone
Audio Outputs	Speaker or line out

## NETWORK

Interface	Gigabit Ethernet (1000Base-T) port (2x)
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## POWER

Power Input	100 to 240 VAC, 50/60 Hz, autoranging
Power Supply	Internal
Power Consumption	Operating maximum
	Watts    Amperes    BTU/H
100 VAC / 50 Hz	222.0    2.22    758.0
110 VAC / 50 Hz	224.0    2.02    759.4
110 VAC / 60 Hz	223.0    2.03    761.4
115 VAC / 50 Hz	217.0    1.89    740.8
115 VAC / 60 Hz	215.5    1.87    735.7
220 VAC / 50 Hz	213.0    0.97    727.2
220 VAC / 60 Hz	204.1    0.93    696.8
240 VAC / 50 Hz	211.9    0.88    723.4
240 VAC / 60 Hz	207.6    0.86    708.8

## FRONT PANEL INDICATORS/FUNCTIONS

Buttons	Power
Indicators	
Unit Status	Green, amber, red
Primary Network	Green, amber, red
Secondary Network	Green, amber, red
Software Status	Green, amber, red (based on diagnostics)
Hard Disk Status	Green, red, off (behind bezel)

## ENVIRONMENTAL

Operating Temperature	10° to 35°C (50° to 95°F)
Storage Temperature	-40° to 65°C (-40° to 149°F)
Operating Humidity	20% to 80%, noncondensing
Maximum Humidity Gradient	10% per hour
Operating Altitude	-15 to 3,048 m (-50 to 10,000 ft)
Operating Vibration	0.25 G at 3 Hz to 200 Hz at a rate of 0.5 octave/minute

**Note:** The temperature at the unit air intake can be significantly higher than room temperature. Temperature is affected by rack configuration, floor layout, air conditioning strategy, and other issues. To prevent performance failure and unit damage, make sure the temperature at the unit is continuously within the operating temperature range.

## PHYSICAL

Dimensions	50.8 x 43.4 x 8.9 cm (20" D x 17.1" W x 3.5" H)
Mounting	Desktop (feet) or rack (2 RU per unit)
Weight	Unit                      Shipping
DS-CPPC	11.8 kg (26 lb)      20.9 kg (46 lb)

# TECHNICAL SPECIFICATIONS

## MODELS

The following table describes the DS-CPPC modeling scheme; each model number consists of the base model and the country code. For example, the model number for a unit sold in the UK is DS-CPPC-EUK.

Model	Country Code (optional)
DS-CPPC	US = North America EUK = Europe/United Kingdom

## SUPPLIED ACCESSORIES

Power cord (for applicable models)

USB Keyboard and Mouse	1
Bezel Key	2
Display Port to DVI Adapter	1
Rack Mount Kit	Brackets, rails, and hardware for mounting in a 2 RU rack
DS-CPPC-LIT	Documentation and other resources
USB-DS	Contains recovery image for the unit

## OPTIONAL POWER ACCESSORIES

PWRCRD-S-AR	Standard power cord, Argentina
PWRCRD-S-AU	Standard power cord, Australia
PWRCRD-S-EU	Standard power cord, Europe
PWRCRD-S-UK	Standard power cord, United Kingdom
PWRCRD-S-US	Standard power cord, United States

## CERTIFICATIONS/RATINGS

- CE, Class A; meets EN50130-4 standard requirements
- FCC, Class A
- UL/cUL Listed
- C-Tick
- CCC
- KCC
- S-Mark

## STANDARDS/ORGANIZATIONS

- Pelco is a member of the MPEG-4 Industry Forum
- Pelco is a member of the Universal Plug and Play (UPnP) Forum, Steering Committee
- Pelco is a member of the Universal Serial Bus (USB) Implementers Forum
- Pelco is a contributor to the International Standards Organization/Electrotechnical Commission (ISO/IEC) Joint Technical Committee 1 (JTC1), "Information Technology," Subcommittee 29, Working Group 11
- Compliance, ISO/IEC 14496 standard (also known as MPEG-4)
- Compliance, International Telecommunication Union (ITU) Recommendation G.711, "Pulse Code Modulation (PCM) of Voice Frequencies"
- Pelco is a member of the ONVIF Open Industry Forum

**Notice:** Judgment as to the suitability of the products for users' purposes is solely the users' responsibility. Users should refer to the Operation manuals for cautionary statements regarding user selected options and how they might affect video quality. Users shall determine the suitability of the products for their own intended application, picture rate and picture quality. In the event users intend to use the video for evidentiary purposes in a judicial proceeding or otherwise, users should consult with their attorney regarding any particular requirements for such use.

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