

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

International Standards
Organization Registered Firm;
ISO 9001 Quality System



C4010 / NEW 9-18-14

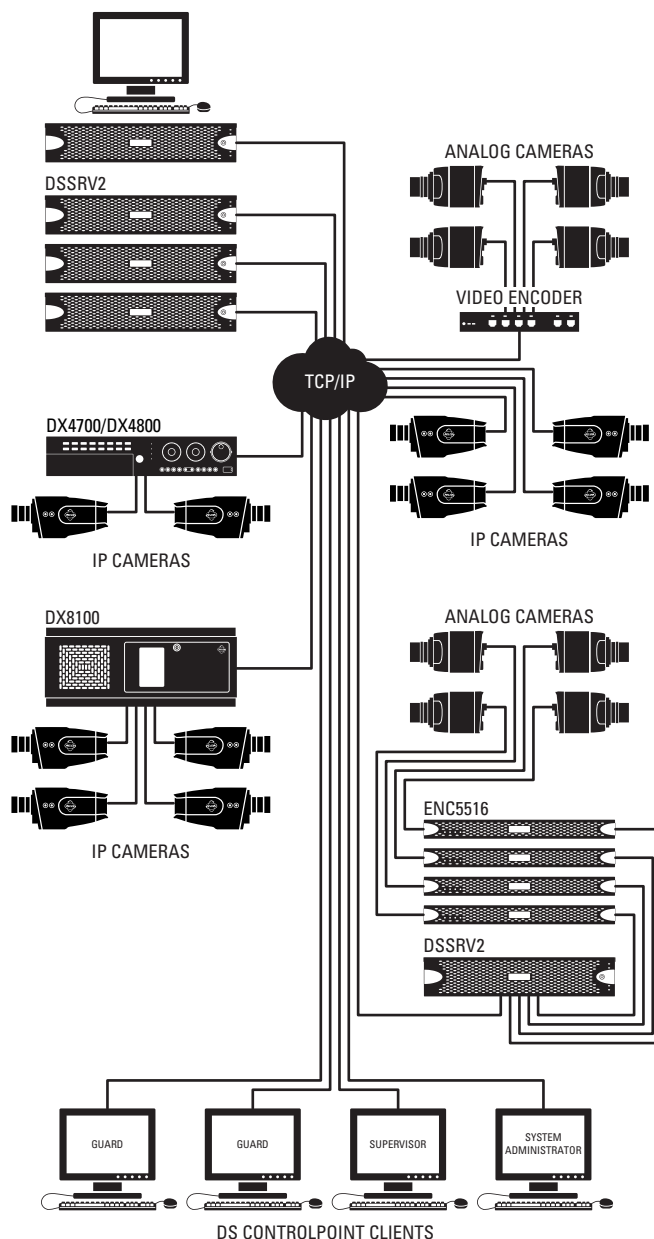
TECHNICAL SPECIFICATIONS

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 |

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) |
|-----------|---|

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-UK.

Note: Units shipped to China do not include power cords.

| Model | Country Code |
|---------|--|
| DS-CPPC | US = North America EU = Europe UK = United Kingdom CN = China AU = Australia AR = Argentina |

SUPPLIED ACCESSORIES

| | |
|------------------------|---|
| Power Cord | 1 USA standard, 1 based on country designation; all cables are 3 prong, molded connector, 1.8 m (6 ft) Note: Units shipped to China do not include power cords. |
| USB Keyboard and Mouse | 1 |
| Bezel Key | 2 |
| 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 |

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 Internal Standards for 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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