



THE COMPLETE SURVEILLANCE SYSTEM

360-DEGREE, VIRTUAL PTZ CAMERA FOR COMPLETE SITUATION AWARENESS

CPT-OMNI360, CPT-OMNI360R

This ultra-wide, 3.0 megapixel camera replaces four analog cameras, while maintaining 360-degree complete situation awareness with virtual pan-tilt-zoom technology and no moving parts.

The "Innovation Award-Winning" OmniScope offers four independent Virtual PTZ controls enabling you to simultaneously focus on all four corners of a room, or view many other configurations, from this lone camera flush-mounted in the center of the ceiling, or wall-mounted with the included bracket.

This versatile camera also includes video motion detection, scene analysis, privacy blanking, two analog outputs, programmed presets, guard tours and much more. The OmniScope can be controlled using the Fastrax CPT-FTD2404CZ controller.



FEATURES

- ▶ Continuous 360-degree monitoring
- ▶ Two independent multi-view analog outputs
- ▶ No moving parts means reduced total lifetime maintenance costs
- ▶ 3.0 megapixel, ultra-wide angle CCTV camera
- ▶ Four independently controllable virtual PTZ cameras
- ▶ Intelligent 360-degree video processing for alarms and tracking
- ▶ Automatic virtual camera assignment to motion or alarms
- ▶ Easy installation, plug-and-play analog camera replacement
- ▶ No PC required; no software to be loaded
- ▶ Concealed ceiling or wall mount
- ▶ Compatible with other popular controllers
- ▶ Outdoor housing available
- ▶ Three-year warranty



360-DEGREE
MONITORING

MULTI-VIEW
ANALOG OUTPUTS

NO MOVING PARTS

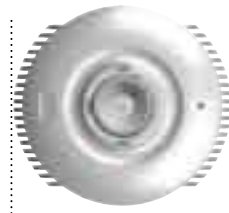




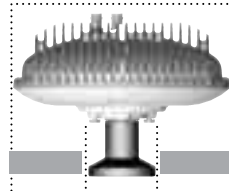
THE COMPLETE SURVEILLANCE SYSTEM

360-DEGREE, VIRTUAL PTZ CAMERA
FOR COMPLETE SITUATION AWARENESS

CPT-OMNI360,
CPT-OMNI360R



7.28 inches; 185 mm



5.71 inches;
145 mm

2 inches; 50 mm



Concealed ceiling mount



Easy-to-install wall mount

TECHNICAL SPECIFICATIONS

VIDEO

Image Sensor	3.0 megapixel
Effective Pixels	1726 × 1536
Frame Rate	Greater than 12 frames per second
Lens	360 × 172-degree field-of-view
Sensitivity	Color: 1.0 lux; B/W: 0.1 lux
Day/Night	Automatic

INPUTS/OUTPUTS

Alarm Input	Four NO/NC
Alarm Output	One NO/NC
Video Output	Two analog, 75-ohm coax, NTSC/PAL

GENERAL

Power	12 VDC, 2 A
Operating Temperature	0 to 40° C; 32 to 104° F
Dimensions (H × D)	5.71 × 7.28 inches; 145 × 185 mm
Unit Weight	3.31 lbs; 1.5 kg

PAN-TILT-ZOOM

Control	Most standard PTZ controllers are supported
Controller Output	RS-485
Zoom	5X digital

MISCELLANEOUS

Mounting Options	Ceiling or wall mount; visible or concealed
Screen Format	Fisheye Panorama (360°); Double Panorama (180° × 2); Quad Panorama (90° × 4); Virtual PTZ (90° × 4); 180° Panorama + Virtual PTZ (90° × 2); Full screen with optional panoramic thumbnail navigation aid
Approvals	EMC CISPR Class A, FCC Class A, CE

ACCESSORIES

Power Supplies	Optional power supplies available: CPT-OMNI360R/PS
Outdoor Enclosure	Optional outdoor enclosure available: CPT-OMNI360ENC-2



THE COMPLETE SURVEILLANCE SYSTEM

DIGITAL STORAGE DEVICE
FOR RETROSPECTIVE PLAYBACK

CPT-OMNI360DSD

Combined with the OmniScape-R camera, this reality-shattering digital storage device will record an entire 360-degree, 3.0 megapixel sensor image. When video is played back via the OmniScape system, the recording contains all the information from the original scene, making it possible to virtually pan, tilt and zoom, as if viewing live images – all while the Omni-DVR continues to record live.

Using retrospective Virtual PTZ the whole recording can be examined in detail. A particular event can be reviewed on a virtual camera and then the evidence can be selected for recording to a device connected to the analog outputs.

OmniScape camera activity detection can be used retroactively to quickly and automatically search recordings for specific events such as object removal, left luggage or video motion detection.



FEATURES

- ▶ Records full resolution 360-degree sensor output
- ▶ Unrestricted retrospective virtual pan and tilt capability, after the fact
- ▶ Retrospective scene analysis
- ▶ Seamless system integration with simultaneous recording and playback
- ▶ Complementary to conventional analog recording
- ▶ Image watermarking
- ▶ Fast zooming timeline and event searching
- ▶ Remote live viewing, playback and archiving through Capture Omniviewer
- ▶ Scheduled or event driven variable time lapse recording modes
- ▶ Three-year warranty



360-DEGREE
SENSOR OUTPUT

VIRTUAL
PAN-TILT-ZOOM

RETROSPECTIVE
SCENE ANALYSIS





THE COMPLETE SURVEILLANCE SYSTEM

DIGITAL STORAGE DEVICE FOR RETROSPECTIVE PLAYBACK

CPT-OMNI360DSD



Remote live viewing, playback and archiving through Capture Omniviewer.

TECHNICAL SPECIFICATIONS

VIDEO

Signal Format	NTSC or PAL
Video Resolution	3.0 megapixel
Record Speed	1, 2 or 4 frames per second
Video Input	1 proprietary input per camera

STORAGE

Primary Storage	400 gigabytes
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GENERAL

Power	24 VAC +/-10%, 2 A
Power Consumption	30 watts
Operating Temperature	5 to 40° C; 41 to 104° F

Dimensions

(W x H x D)	10.28 x 5.79 x 6.14 inches; 261 x 147 x 156 mm
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Unit Weight

	7 lbs 12 oz; 3.5 kg
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MISCELLANEOUS

Network Connectivity	Ethernet TCP/IP
Compression Method	Proprietary, user selectable
Encryption	Proprietary 384 Bit hashing algorithm
Screen Format	1, 4 windows
Approvals	CE, EMC / FCC Class A

ACCESSORIES

Power Supplies	Optional power supplies available: CPT-OMNI360DSD/PS
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THE COMPLETE SURVEILLANCE SYSTEM

FASTRAX PAN-TILT-ZOOM DOME CAMERAS

CPT-FTD360 SERIES

The Fastrax II series of integrated high-speed PTZ domes is the latest in advanced video technology from Capture. These domes are fully-loaded with all the features providing an efficient tool for the most demanding applications.

Featuring a high-resolution 470-line color CCD chip, or optional day/night 480-line CCD that provides superior low-light capabilities, the CPT-FTD360 series utilizes a powerful lens offering 18X or 26X optical zoom plus 12X digital zoom capabilities with auto-focus.

The domes can be configured to support both indoor and outdoor applications, and can be mounted surface pendant or recessed in-ceiling with a variety of optional enclosures. With complete 360-degree rotation capabilities at speeds of 90 degrees per second for manual operation, and up to 380 degrees per second under pre-set operation, the operator will be able to follow events as they occur.

Ease-of-installation, superior imaging and on-screen programming menus make the Capture Fastrax II series the professionals' choice for cost-effective, pan-tilt-zoom dome cameras.



Shown with optional housing.

FEATURES

- ▶ High-resolution integrated color camera and optics package
- ▶ 18X or 26X optical and 12X digital zoom
- ▶ 240 programmable preset positions
- ▶ 180-degree auto-flip
- ▶ Preset speed 380 degrees per second
- ▶ Eight programmable guard tours
- ▶ Variable speed 0.1 to 380 degrees per second
- ▶ Four user-programmable patterns
- ▶ 16-character titles
- ▶ Eight programmable privacy zones
- ▶ Eight alarm inputs and four outputs
- ▶ Built-in RS-485/422 receiver/driver
- ▶ Supports other manufacturers protocols, including Pelco
- ▶ Three-year warranty



HIGH-RESOLUTION

UP TO 26X OPTICAL,
12X DIGITAL ZOOM

240 PRE-POSITIONS
PROGRAMMABLE





THE COMPLETE SURVEILLANCE SYSTEM

FASTRAX PAN-TILT-ZOOM
DOME CAMERAS

CPT-FTD360,
CPT-FTD360DN, CPT-FTD366DN



CPT-FTD302
Indoor enclosure
includes wall and
pendant mounting
brackets.



CPT-FTD302SH
Outdoor enclosure
includes heater,
blower and
mounting brackets.



CPT-FTD/SD
Smoked dome
option.



CPT-FTD251
Indoor flush mount kit
for FTD360 series dome.

CPT-FTD251/S
With smoke dome.



CPT-HCM150
Corner mount
adapter for FTD360
series brackets.



CPT-HCM151
Pole mount
adapter for
FTD360 series
brackets.

TECHNICAL SPECIFICATIONS

SENSOR

Image Sensor	FTD360: 1/4-inch super HAD CCD FTD360DN: 1/4-inch ExView CCD FTD366DN: 1/4-inch ExView CCD
Effective Pixels	768 (H) x 494 (V), NTSC
Horizontal Resolution	480 TV lines, NTSC
Focal Length	FTD360: F1.4 (F4.1~73.8 mm optical) FTD360DN: F1.4 (F4.1~73.8 mm optical) FTD366DN: F1.6 (F2.5 ~ 91 mm optical)
Minimum Illumination	FTD360: 1.0 lux (normal shutter) FTD360DN: 0.7 lux (normal shutter) FTD366DN: 0.7 lux (normal shutter) 0.01 lux (IR cut removal, B/W operation)
Video Output	1.0 Vp-p, 75 ohms composite
Focus	Auto with manual override
White Balance	Auto with manual override
Iris Control	Auto with manual override
S/N Ratio	50 dB

CONNECTORS

Communication	RS-422/485
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PAN-TILT-ZOOM

Pan Travel	360°
Manual Pan	0.1 to 90° per second 360° per second (turbo)

Preset Pan	380° per second
Manual Tilt	0.5 to 90° per second
Zoom	FTD360: 18X optical plus 12X digital FTD360DN: 18X optical plus 12X digital FTD366DN: 26X optical plus 12X digital
Preset	240 positions
Tour	Eight tours (with vector scan)
Pattern	Four (one full or three 240 sec)

GENERAL

Power	18 to 30 VAC, surge protection
Power Consumption	20 watts
Alarm	Eight inputs / four outputs
Privacy Zones	Eight areas
Camera Titles	16-character titles
Indoor Operating Temperature	32° F to 122° F; 0° C to 50° C
Outdoor Operating Temperature (w/enclosure)	-40° F to 122° F; -0° C to 50° C
Dimension (H x Diameter)	8.07 x 4.92 inches; 205 x 125 mm
Unit Weight	2.87 lbs; 1.3 kg



THE COMPLETE SURVEILLANCE SYSTEM

MINITRAX VANDAL-RESISTANT PAN-TILT-ZOOM DOME CAMERA

CPT-FTD355

This versatile, vandal-resistant PTZ dome camera is a miniature version of the popular full-size Fastrax model. This dome is the right choice for applications that require a small, yet rugged, keyboard-controllable camera.

The enclosure is made of cast aluminum with a sealed, weather-resistant, polycarbonate dome.

Four tours can be programmed with preset locations. Additional programmable user preferences include alarm, preset, and title.

The Capture combination of superior image quality, versatile design, and PTZ control make the Minitrax a remarkable option for demanding applications.



▶ 10X OPTICAL, 10X DIGITAL ZOOM

▶ 60 PRE-POSITIONS PROGRAMMABLE

▶ 63 CAMERA ADDRESSES

FEATURES

- ▶ 10X optical zoom; 10X digital zoom
- ▶ 60 programmable preset positions
- ▶ Up to 63 selectable camera addresses
- ▶ Four programmable tours with preset locations
- ▶ One alarm input (OFF/NC/NO) and two alarm state (momentary, timeout)
- ▶ Programmable user preferences including alarm, preset, title, etc.
- ▶ Built-in RS-485 receiver driver
- ▶ Four auto-scan patterns
- ▶ Auto white balance
- ▶ Clear bubble with black liner
- ▶ Optional wall/ceiling mounting bracket available: CPT-FTD/WCM
- ▶ 24 VAC or 12 VDC
- ▶ Three-year warranty





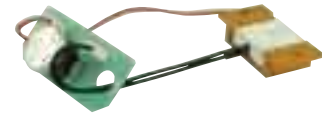
THE COMPLETE SURVEILLANCE SYSTEM

MINITRAX VANDAL-RESISTANT PAN-TILT-ZOOM DOME CAMERA

CPT-FTD355



The CPT-FTD/WCM is an optional wall/ceiling mount bracket that can be added to the 480V series of dome cameras to enhance the camera's viewpoint.



CPT-FTD355HK Heater kit.

TECHNICAL SPECIFICATIONS

SENSOR

Image Device	1/4-inch Super-HAD color CCD
Horizontal Resolution	430 TV Lines
Picture Elements	768 (H) x 494 (V), NTSC
Minimum Illumination	1.5 lux
Video Output	1.0 Vp-p, 75 ohms, composite
Lens	3.15 to 31.5 mm
Sync System	Internal/external (line lock auto switching)
S/N Ratio	48 dB
Backlight	On/off Compensation
Iris Control	Auto/manual (F1.8 to F32)
Shutter Speed	Normal ~ 1/10,000 second
Focus Mode	Auto/manual

GENERAL

Power Requirement	12 VDC / 24 VAC
Power Consumption	10 watts
Operating Temperature	14° F to 104° F; -10° C to 40° C
Dimensions (H x D)	5 3/4 x 4 5/8 inches; 145 x 117.2 mm

Unit Weight	2.87 lbs; 1.3 kg
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PAN-TILT-ZOOM

Pan Travel	0 to 359°
Pan Speed	Maximum 120 degrees per second
Scanning Speed	7 degrees per second
Tilt	0 to 90 degrees
Tilt Speed	Maximum 120 degrees per second
Zoom	10X optical; 10X digital
Preset	60 programmable positions
Auto Scanning	Up to four courses
Tour Presets	Course (one to four x 16)
Title	Title display (on/off)

CONNECTORS

Video	One BNC
Power	Two-wire
Communication	RS-422/485

ACCESSORIES

Mounting	Optional wall/ceiling mounting bracket available: CPT-FTD/WCM
Heating	Optional heater kit available: CPT-FTD355HK



THE COMPLETE SURVEILLANCE SYSTEM

KEYBOARD CONTROLLER

CPT-FTD2404CZ

This full function, desktop keyboard controller will allow you to configure a variety of security solutions to meet most applications. The CPT-FTD2404CZ is flexible and can be used in conjunction with the Capture Fastrax II dome series, OmniScape, multiplexers and digital video recorders.

The CPT-FTD2404CZ keyboard is laid-out with an ergonomic design for efficient operation. A barrel-type joystick provides precise, simple one-handed operation of the pan and tilt control while simultaneously operating the zoom lens by twisting the barrel to the left or right.

All component control data is transmitted via RS-485 or RS-232. Two keyboards can also be configured into a system if more than one operator is required. System operation and keyboard programming is easily achieved with the two-line LCD display.



ERGONOMIC DESIGN

TWO-LINE
LCD DISPLAY

THREE-AXIS
JOYSTICK

FEATURES

- ▶ Program up to 240 preset positions per dome
- ▶ Auto-iris with manual override control
- ▶ Auto-focus with manual override control
- ▶ Three-axis joystick
- ▶ Eight tours consisting of preset, pattern and autoscan per dome
- ▶ Global preset recalls specified preset of all dome cameras
- ▶ Specific multiplexers (max 255) and DVR (max 99) can be controlled remotely
- ▶ One master and one slave keyboard are supported
- ▶ Three-year warranty

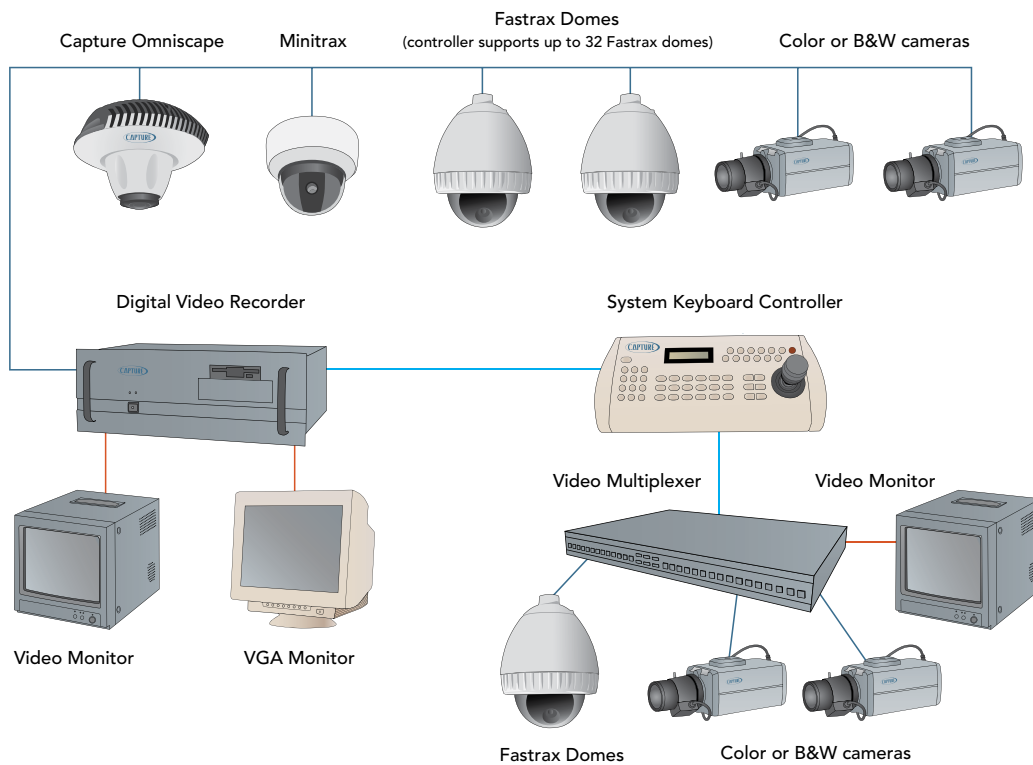




THE COMPLETE SURVEILLANCE SYSTEM

KEYBOARD CONTROLLER

CPT-FTD2404CZ



TECHNICAL SPECIFICATIONS

Communication Connections	Dome: Max 32 Multiplexer: Max 255 DVR: Max 99
Control Method	RS-485, RS-232C
Baud Rates	2400 ~ 230K bps
Operating Temperature	32° F to 122° F; 0° C to 50° C

Storage Temperature	-40° F to 122° F; -20° C to 60° C
Humidity	0 to 90% RH (non-condensing)
Power Consumption	12 VDC, 0.5 watts, power supply included
Dimensions (W x H x D)	15 x 3.8 x 6.6 inches; 380 x 96 x 168 mm
Weight	2.65 lbs; 1.2 kg



THE COMPLETE SURVEILLANCE SYSTEM

DAY/NIGHT, HIGH-RESOLUTION
VANDAL DOME CAMERA

CPT-VIR540 SERIES

The CPT-VIR540 Series is a high-resolution, fully integrated outdoor camera and lens assembly housed in a stylish yet rugged, vandal and weather-resistant dome. These cameras use the latest in CCD technology, offering 540 TV lines of resolution with a 4 to 9 mm (CPT-VIR540DB & CPT-VIR540DW) as well as a 9 to 22 mm (CPT-VIR542DW) auto-iris, vari-focal lens.

This series comes equipped with 40 infrared LEDs ensuring a clear and detailed picture from over 25 meters (82 feet) outdoor and 35 (115 feet) meters indoor at 0.0 lux. It features external IR and lens adjustments allowing for quick and easy installation and setup. The CPT-VIR540 Series also has dual voltage power operation at 12 VDC or 24 VAC.

These highly capable cameras are loaded with features, installs easily and are ideal for video surveillance applications that require high quality imaging, day or night out of a rugged package.



Available in white or black finish.

FEATURES

- ▶ External lens and IR adjustments
- ▶ Vandal and weatherproof housing
- ▶ High resolution 540 TV lines (color); 600 TV lines (B/W)
- ▶ 40 infrared LEDs
- ▶ CPT-VIR540DB & CPT-VIR540DW: 4 to 9 mm auto-iris, vari-focal lens package
- ▶ CPT-VIR542DW: 9 to 22 mm auto-iris, vari-focal lens package
- ▶ Night vision: 25 meters (82 feet) outdoor and 35 meters (115 feet) indoor
- ▶ Dual voltage operation
- ▶ Three-year warranty

	VANDAL-RESISTANT	WEATHER-RESISTANT
540 TVL COLOR	600 TVL B&W	IR
0.0 LUX	V/F	BLC CENTER ZONE
EI	AWB AUTO	1/3" CCD
AC/DC 24V/12V		

VANDAL AND WEATHERPROOF

HIGH-RESOLUTION

40 INFRARED LEDs





THE COMPLETE SURVEILLANCE SYSTEM

DAY/NIGHT, HIGH-RESOLUTION
VANDAL DOME CAMERA

CPT-VIR540 SERIES



CPT-VIR/WMBB (black)
CPT-VIR/WMBW (white)
Optional wall/ceiling
mounting bracket.

TECHNICAL SPECIFICATIONS

SENSOR

Image Device	1/3-inch SuperHAD CCD
Horizontal Resolution	540 TV lines (color); 600 TV lines (black and white)
Minimum Illumination	0.0 lux up to 35 meters indoor and 25 meters outdoor
Video Output	1.0 Vp-p, 75 ohms composite
Lens	CPT-VIR540DB & CPT-VIR540DW: 4 to 9 mm auto-iris, vari-focal, CPT-VIR542DW: 9 to 22 mm auto-iris, vari-focal
Sync System	Internal
S/N Ratio	48 dB minimum (AGC off)
Backlight Compensation	On/off selectable
Iris Control	Auto-iris DC drive
Shutter Speed	1/60 ~ 1/100,000 sec

CONNECTORS

Video	One BNC
Power	Two-wire

GENERAL

Power	12 VDC / 24 VAC
Power Consumption	680 mA Operating
Temperature	-4° F to 122 °F; -20 °C to 50 °C
Dimensions (H x D)	5.1 x 6.3 inches; 130 x 160 mm
Unit Weight	3.3 lbs; 1.5 kg

ACCESSORIES

Mounting	Optional wall/ceiling mounting bracket available: CPT-VIR/WMBB (black), CPT-VIR/WMBW (white)
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THE COMPLETE SURVEILLANCE SYSTEM

VANDAL-RESISTANT,
HIGH-RESOLUTION COLOR CAMERA

CPT-CED480 SERIES

This versatile, vandal-resistant package combines the latest in color camera technology with a three-axis mount allowing either ceiling or wall installation. The 480V series includes three models: high-resolution dome, day/night dome, and high-resolution corner mount.

The CPT-CED480V and CPT-CED480DNDV models utilize a 4 to 9 mm vari-focal, auto-iris lens and can be installed in surface mount or semi-flush mount configurations. The CPT-CW480V offers a 2.6 to 6 mm auto-iris lens in a corner mount enclosure.

The enclosures are made of cast aluminum with a sealed, weatherproof, polycarbonate shield. The Capture combination of superior image quality, rugged casing and versatile design, makes the 480V series the ideal choice for applications that require high-resolution, vandal proof enclosures for indoor or outdoor installations.



Left: CPT-CED480V and CPT-CED480DNDV dome models.

Right: CPT-CW480V corner mount model.

FEATURES

- ▶ Rugged vandal-resistant enclosure with a sealed, clear polycarbonate shield
- ▶ 1/3-inch color CCD, 480 lines resolution
- ▶ 0.8 lux at F1.2 (color) and 0.08 lux at F1.2 (B/W – CPT-CED480DNDV only) sensitivity
- ▶ Three-axis mount
- ▶ 12 VDC / 24 VAC dual-voltage operation
- ▶ Surface, semi-flush, corner mount options
- ▶ 480 TV lines resolution
- ▶ Weatherproof aluminum housing
- ▶ Optional angle bracket and wall/ceiling mounting bracket available for dome models
- ▶ Heater kit included with CPT-CED480DNDV model
- ▶ Three-year warranty



VANDAL-RESISTANT
ENCLOSURE

1/3-INCH COLOR CCD,
480 LINES RES.

0.8 LUX AT F1.2





THE COMPLETE SURVEILLANCE SYSTEM

VANDAL-RESISTANT,
HIGH-RESOLUTION COLOR CAMERA

CPT-CED480V, CPT-CW480V
CPT-CED480DNV



The CPT-FTD/WCM is an optional wall/ceiling mount bracket that can be added to the 480V series of dome cameras to enhance the camera's viewpoint.



The dome models can also be easily installed with the optional CPT-CED/WB wall-mounting bracket. This angled bracket can be added to the housing to increase the camera's angle-of-view.

TECHNICAL SPECIFICATIONS

SENSOR

Image Device	1/3-inch interline transfer CCD
Horizontal Resolution	CPT-CED480V: 480 TV lines (color); CPT-CW480V: 480 TV lines (color); CPT-CED480DNV: 480 TV lines (color); 530 TV lines (B/W)
Picture Elements	811 (H) x 508 (V), NTSC
Minimum Illumination	CPT-CED480V: 0.8 lux at F1.2 (color); CPT-CW480V: 0.8 lux at F1.2 (color); CPT-CED480DNV: 0.8 lux at F1.2 (color); 0.08 lux at F1.2 (B/W)
Video Output	1.0 Vp-p, 75 ohms, unbalanced
Lens (auto-iris)	CPT-CED480V: 4 to 9 mm vari-focal; CPT-CW480V: 2.6 to 6 mm vari-focal; CPT-CED480DNV: 4 to 9 mm vari-focal
Sync System	Line lock/internal
Vertical Phase	0 to 360 degrees
Adjust Range	(24 VAC input only)
S/N Ratio	50 dB (AGC off)
Backlight Compensation	40% at center
Iris Control	Auto (on), Man (off) (Dip Switch)

Shutter Speed	1/60 ~ 1/100,000 sec
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CONNECTORS

Video	One BNC (female)
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GENERAL

Power	12 VDC +/- 10%; 24 VAC +/- 10%
Power Consumption	3.5 watts
Operating Temperature	14° F to 122° F; -10° C to 50° C
Dome Dimensions (W x H x D)	5.1 x 5.1 x 3.9 inches; 130 x 130 x 99 mm CPT-CW480V: 4.0 x 4.75 x 5.0 inches; 101.6 x 120.6 x 127 mm
Corner Dimensions (W x H x D)	4.0 x 5.0 x 5.0 inches; 102 x 127 x 127 mm
Unit Weight	18.8 oz; 533 g

ACCESSORIES

Mounting	Optional wall/ceiling mounting bracket available: CPT-FTD/WCM (wall/ceiling mount), CPT-CED/WB (wall mount)
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THE COMPLETE SURVEILLANCE SYSTEM

SUPER HIGH-RESOLUTION, DAY/NIGHT COLOR CAMERA

CPT-E50DN

This high-quality day/night camera provides exceptional picture quality, low-light capability and many features bundled in a compact and rugged body. The CPT-E50DN also utilizes the latest generation 1/3-inch Super-HAD color CCD.

This camera produces 540 lines of resolution in color and 580 lines of resolution in black and white, while offering excellent low-light capability of 0.5 lux (color) and 0.04 lux (B/W) at F1.2 sensitivity.

This camera is loaded with features such as a four-point privacy zone, RS-485 control, automatic and manual white balance modes, automatic gain control as well as selectable backlight compensation zones.

The CPT-E50DN is easily set-up with the aid of on-screen menus and is an excellent choice for any professional, commercial and industrial CCTV application.



Lens sold separately.

FEATURES

- ▶ 0.5 lux (Color), 0.04 lux (B/W) at F1.2 sensitivity
- ▶ On-screen menus
- ▶ Four-point privacy zone
- ▶ Dual-voltage; operates in 12 VDC or 24 VAC
- ▶ Selectable BLC zone
- ▶ Built-in UTP
- ▶ S-Video out
- ▶ Supports video-type or DC-type lenses with OSD select
- ▶ Three-year warranty



▶ 0.5 LUX AT F1.2

▶ ON-SCREEN MENUS

▶ FOUR-POINT
PRIVACY ZONE





THE COMPLETE SURVEILLANCE SYSTEM

SUPER HIGH-RESOLUTION,
DAY/NIGHT COLOR CAMERA

CPT-E50DN



TECHNICAL SPECIFICATIONS

SENSOR

Image Device	1/3-inch Super-HAD Color CCD
Horizontal Resolution	Color: 540 TV Lines; B/W: 580 TV Lines
Picture Elements	811 (H) × 508 (V) (NTSC)
Minimum Illumination	Color: 0.5 lux; B/W: 0.04 lux at F1.2
Video Output	1.0 Vp-p, 75 ohms
Lens	Not supplied with camera
Sync System	Line lock/internal
S/N Ratio	50 dB (AGC off)
Backlight Compensation	On/off (selectable BLC zone)
Iris Control	Manual; DC or video type
Shutter Speed	1/60 ~ 1/100,000 sec (9 modes)
Lens Mount	C or CS (selected through back-focus)

CONNECTORS

Video	One BNC, S-Video, UTP 2-pin terminal block
Power	2-pin terminal block
External Control	RS-485

GENERAL

Power	12 VDC / 24 VAC +/- 10%
Power Consumption	3.5 watts
Operating Temperature	14° F to 122° F; -10° C to 50° C
Dimensions (W × H × D)	2.4 × 2.1 × 5.0 inches; 62 × 53 × 128.5 mm
Unit Weight	10.4 oz; 295 g



THE COMPLETE SURVEILLANCE SYSTEM

COLOR CCD CAMERA

CPT-CC SERIES

This series of high-quality, color cameras provides superior sensitivity, resolution, picture-quality and reliability in a compact and rugged enclosure.

The CPT-CC330 (330 TV lines) and CPT-CC470 (470 TV lines) use digital signal processing and feature two color balance settings, automatic gain control, automatic backlight compensation and line-lock adjustment. These cameras use automatic sensing for tracking white balance, providing true-to-life color images—indoor and outdoor. They also use the latest 1/3-inch CCD imagers that offer an effective, dynamic range.

The CPT-CC camera series is easily installed, and is an excellent choice for professional, commercial and industrial surveillance applications.



Lens sold separately.

FEATURES

- ▶ High-performance 1/3-inch DSP color CCD technology
- ▶ 330/470 lines of resolution
- ▶ Auto electronic shutter [1/60 ~ 1/100,000] and manual electronic shutter modes
- ▶ 1.0 lux at F1.4 sensitivity
- ▶ C/CS, back-focus adjustment
- ▶ Auto and manual white balance modes
- ▶ Compatible with video or DC driven lenses
- ▶ BLC, Gamma, AGC, sync adjustments
- ▶ 24 VAC input
- ▶ Three-year warranty



1/3-INCH DSP
COLOR CCD

330/470 LINES
RESOLUTION

AUTO-SHUTTER





THE COMPLETE SURVEILLANCE SYSTEM

COLOR CCD CAMERA

CPT-CC330, CPT-CC470



TECHNICAL SPECIFICATIONS

SENSOR

Image Device	1/3-inch interline transfer CCD
Horizontal Resolution	CPT-CC330: 330 TV Lines, CPT-CC470: 470 TV Lines
Picture Elements (NTSC)	CPT-CC330: 537 (H) × 505 (V), CPT-CC470: 811 (H) × 508 (V)
Minimum Illumination	1.0 lux at F1.4
Video Output	1.0 Vp-p, 75 ohms, unbalanced
Lens	Not supplied with camera
Sync System	Line lock/internal
S/N Ratio	50 dB (AGC off)
Backlight Compensation	40% at center
Iris Control	DC or video type iris

Shutter Speed	1/60 ~ 1/100,000 sec
Lens Mount	C/CS (Selected through back-focus)

CONNECTORS

Video	One BNC
Power	3-pin terminal block
Auto-iris	4-pin

GENERAL

Power	24 VAC +/- 10%
Power Consumption	6 watts (maximum)
Operating Temperature	14° F to 122° F; -10° C to 50° C
Dimensions (W × H × D)	2.4 × 2.2 × 5.0 inches; 62 × 57 × 128.5 mm
Unit Weight	15.8 oz; 448 g



THE COMPLETE SURVEILLANCE SYSTEM

BLACK AND WHITE CCD CAMERA

CPT-MC SERIES

This series of high-quality, black and white cameras in a compact and rugged enclosure, offers easy installation, digital signal processing and reliability.

The CPT-MC380 (380 TV lines) and CPT-MC570 (570 TV lines) utilize automatic backlight compensation, line-lock adjustment, and the latest generation 1/3-inch CCD imagers that offer an effective dynamic range and excellent low-light sensitivity.

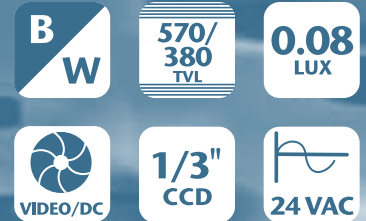
The CPT-MC series is an excellent choice for professional, commercial and industrial surveillance applications.



Lens sold separately.

FEATURES

- ▶ High-performance 1/3-inch DSP B/W CCD technology
- ▶ 380/570 lines of resolution
- ▶ 0.08 lux at F1.4 sensitivity
- ▶ Equipped with electronic iris
- ▶ Supports standard C or CS mount lenses
- ▶ Compatible with video or DC driven lenses
- ▶ BLC, Gamma, AGC, Sync adjustments
- ▶ 24 VAC power
- ▶ Three-year warranty



1/3-INCH DSP
B/W CCD

380/570 LINES
RESOLUTION

0.08 LUX AT F1.4





THE COMPLETE SURVEILLANCE SYSTEM

BLACK AND WHITE CCD CAMERA

CPT-MC380, CPT-MC570



TECHNICAL SPECIFICATIONS

SENSOR

Image Device	1/3-inch interline transfer CCD
Horizontal Resolution	CPT-MC380: 380 TV Lines, CPT-MC570: 570 TV Lines
Picture Elements (NTSC)	CPT-MC380: 510 (H) × 492 (V), CPT-MC570: 768 (H) × 494 (V)
Minimum Illumination	0.08 lux at F1.4
Video Output	1.0 Vp-p, 75 ohms, unbalanced
Lens	Not supplied with camera
Sync System	Line lock
S/N Ratio	50 dB (AGC off)
Backlight Compensation	40% at center
Iris Control	DC or video type iris
Shutter Speed	1/60 ~ 1/100,000 sec

Lens Mount C/CS (Selected through back-focus)

CONNECTORS

Video	One BNC
Power	3-pin terminal block
Auto-iris	4-pin

GENERAL

Power	24 VAC +/- 10%
Power Consumption	4.5 watts (maximum)
Operating Temperature	14° F to 122° F; -10° C to 50° C
Dimensions (W × H × D)	2.4 × 2.2 × 5.0 inches; 62 × 57 × 128.5 mm
Unit Weight	15.8 oz; 448 g



THE COMPLETE SURVEILLANCE SYSTEM

THIN FILM TRANSFER LCD MONITOR

CPT-LCD17D

This monitor utilizes TFT (thin film transfer) LCD technology, offering a clear and bright high-resolution picture. The CPT-LCD17D can be used in a wide range of security and non-security type applications with the benefits of composite S-Video and audio inputs; it also supports several high-resolution PC based formats.

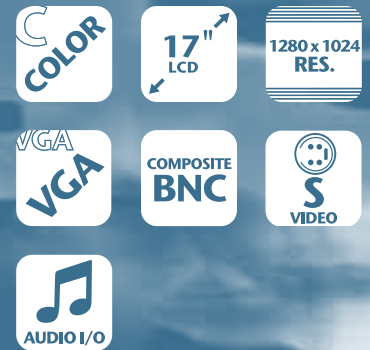
The aesthetically pleasing desktop design with a depth of less than seven centimeters, makes this monitor ideal for installations with limited space.

This monitor is easy-to-use and set up with on-screen display menus available in six different languages. This state-of-the-art monitor offers flicker-free display (less eye strain) with a long-life fluorescent backlight and excellent off-axis viewing angles when compared to other LCD monitors.



FEATURES

- ▶ Over 500 lines resolution (composite video mode)
- ▶ Space-saving flat panel design
- ▶ 60 percent less power consumption than CRT monitors
- ▶ Composite, S-Video and VGA inputs
- ▶ NTSC or PAL formats
- ▶ Audio inputs and built-in speakers
- ▶ Desk stand included
- ▶ Multi-language, on-screen display for adjustment of monitor parameters
- ▶ Long-life fluorescent backlight
- ▶ One-year warranty



OVER 500 LINES
RESOLUTION

SPACE-SAVING
FLAT PANEL DESIGN

60% LESS POWER
CONSUMPTION
THAN CRT





THE COMPLETE SURVEILLANCE SYSTEM

THIN FILM TRANSFER LCD MONITOR

CPT-LCD17D



TECHNICAL SPECIFICATIONS

DISPLAY

LCD Panel	17-inch TFT LCD panel
Active Display Area	17.0 inches (diagonal)
Resolution	More than 500 lines (composite Y/C)
Pixel Format	1280 (H) × 1024 (V), RGB vertical stripe
Pixel Pitch	0.264 mm × 0.264 mm
Color Depths	8 bit / 16.2 million colors
Contrast Ratio	500:1 (typical)
Brightness	300 cd/m2 (typical)
Viewing Angles L/R/U/D	75° / 75° / 65° / 60° (typical)
Light Source/Lifetime	4CCFL / 50,000 hrs (minimum)
Response Time	13 ms
Video Mode	NTSC/PAL (auto selection)
Scanning Method	Digital progressive scan (still/progressive mode)
Video Input Signals	Composite: 1.0 Vp-p, 75 ohms S-Video: 0.7 Vp-p (luminance), 75 ohms; 0.3 Vp-p (chrominance), 75 ohms

PC

Input Signal	Analog RGB, (0.714 Vp-p, 75 ohms), H&V sync (TTL)
Input Resolution	VGA: 640 × 480, 60 to 75 Hz SVGA: 800 × 600, 56 Hz to 75 Hz XGA: 1024 × 768, 60 Hz to 75 Hz SXGA: 1280 × 1024, 60 Hz

CONNECTORS

Composite	Two BNC
S-Video	Two 4-pin mini DIN
Termination	75 ohms, auto termination
Audio Input	Two RCA (stereo), one headphone jack
Audio Amplifier	Two 2.5 watts
DC Power	Barrel, 5.5 / 2.5 mm (+ center)
AC Power	IEC-320 Male, 100 to 240 VAC
Plug & Play	DDC 2B
PC Monitor	15-pin, D-Sub

GENERAL

Power Requirement	12 VDC, +/-5%, power supply included
Power Consumption	50 watts; 2 watts in power save mode
User Controls	Brightness, contrast, tint, color, sharpness
OSD Languages	English, French, German, Italian, Spanish, Polish
Operating Temperature	32° F to 104° F; 0° C to 40° C
Dimensions (W × H × D)	16.45 × 16.77 × 2.75 inches; 418 × 426 × 70 mm
Desk Stand Depth	7.25 inches; 184 mm
Unit Weight	16.65 lbs; 7.55 kg



THE COMPLETE SURVEILLANCE SYSTEM

FLAT COLOR MONITOR

CPT-CM SERIES

This series of flat color monitors offers superior performance and high-resolution images in an aesthetically designed metal cabinet.

The 15-inch (CPT-CM15) and 21-inch (CPT-CM21) displays utilize a flat, high-grade phosphor picture tube to produce outstanding color and picture clarity with more than 500 lines of resolution.

The large format picture tube along with two video, two audio and one S-video inputs make the CPT-CM series monitors ideal for a wide range of security applications including multi-camera displays.

These monitors are easy to use and set-up with user-friendly on-screen display menus available in six different languages.



FEATURES

- ▶ Flat, high-resolution CRT picture tube
- ▶ Two video and audio inputs
- ▶ Built-in speaker
- ▶ One S-video input
- ▶ NTSC or PAL compatibility
- ▶ All inputs have loop through with auto termination
- ▶ Digital comb filter
- ▶ Underscan and overscan
- ▶ Multi-language monitor adjustments via on-screen menus
- ▶ Rugged metal cabinet
- ▶ Three-year warranty
- ▶ One-year warranty on CRT



FLAT CRT
PICTURE TUBE

TWO VIDEO AND
AUDIO INPUTS

BUILT-IN SPEAKER





THE COMPLETE SURVEILLANCE SYSTEM

FLAT COLOR MONITOR

CPT-CM15, CPT-CM21



TECHNICAL SPECIFICATIONS

DISPLAY

Flat Picture Tube	CPT-CM15: 15 inches; CPT-CM21: 21 inches
Phosphor	P22
In-Line Dot Pitch	CPT-CM15: 0.6 mm stripe; CPT-CM21: 0.74 mm stripe
Deflection	90° angle
Resolution	Horizontal: 500 TV lines
Signal Format	NTSC/PAL (auto selection)
Scanning Frequency	Horizontal: 15.75 KHz (NTSC) 15.625 KHz (PAL) Vertical: 60 Hz (NTSC), 50 Hz (PAL)
Active Display Area	7% overscan, 3% underscan switchable
Linearity	Horizontal: 10% (maximum) Vertical: 10% (maximum)
Video In/Out	Video A/B: NTSC composite: 1.0 Vp-p, 75 ohms, auto terminating S-video: Y/C: Y signal = 1.0 Vp-p, C signal = 0.285 Vp-p, 75 ohms, auto terminating
Audio In/Out	300 mV, 1.5 watts rms

CONNECTORS

Video A/B In/Out	Four BNC, auto terminating
Y/C In/Out	Two mini DIN 4-pin, auto terminating
Audio In/Out	Four RCA

GENERAL

Ambient Temperature	32° F to 104° F; 0° C to 40° C
Power Requirement	100/240 VAC, 60/50 Hz
Dimensions (W x H x D)	CM15: 14.3 x 13.5 x 15 inches; 362 x 343 x 381 mm CM21: 19.3 x 17.3 x 18.8 inches; 490 x 440 x 478 mm
Unit Weight	CM15: 37.47 lbs; 17 kg CM21: 66.14 lbs; 30 kg



THE COMPLETE SURVEILLANCE SYSTEM

REAL-TIME DIGITAL VIDEO RECORDER

CPT-LDR7016

This 16-channel digital recorder boasts excellent performance with real-time 480 images per second recording, clear picture quality at Half D1 (704 x 240) resolution and includes many of the best features of both PC-based and embedded-OS digital recorders.

Utilizing multiple layers of data backup including a DVD writer, three USB ports and up to four hot-swappable drives with mirroring capability ensures greater data dependability. MPEG4 compression, per-camera custom settings and bandwidth throttling allows for optimal recording durations and favorable bandwidth consumption. Pentaplex capabilities allow live viewing, recording, playback/search and remote operation simultaneously without performance reduction. Search on a single channel while reviewing the others in live mode. Enhancements to 'WebGuard', our popular browser-based monitoring software, now enable you to search and save clips without remote-software installation. The Apex DVR ensures your data is there when you need it.



HOT-SWAPPABLE DRIVES

BUILT-IN DVD-RW

PER-CAMERA RECORDING

FEATURES

- ▶ Supplied with one hard drive, with room for three additional hot-swappable drives, plus SCSI drive expandability
- ▶ Built-in DVD-RW
- ▶ Per-camera recording/event/resolution adjustment
- ▶ 16 looping video outputs
- ▶ Real-time recording at Half D1
- ▶ 16 audio inputs
- ▶ Monitoring on VGA and BNC monitors concurrently
- ▶ Four spot outputs
- ▶ Data recordable to Clip Player, AVI, JPG, BMP
- ▶ Three USB 2.0 ports, supporting mouse control and easy data extraction
- ▶ Multiple remote access options includes monitoring, playback, recording, setup, PTZ control, firmware upgrade, web browser access and status check
- ▶ Rack-mountable brackets included
- ▶ Three-year warranty

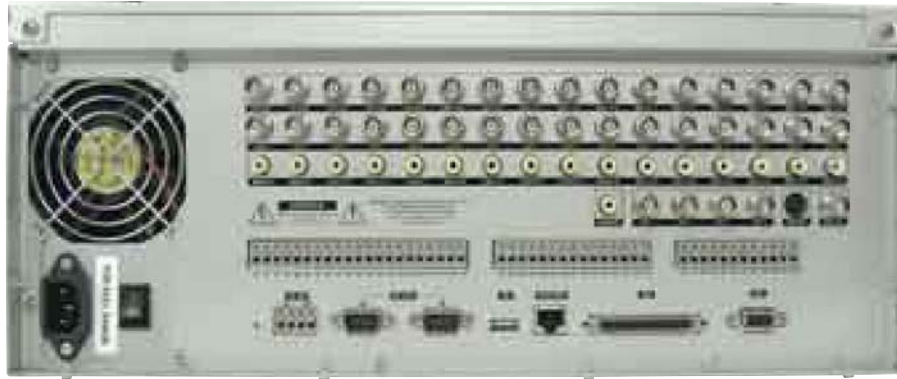




THE COMPLETE SURVEILLANCE SYSTEM

APEX SERIES DVRS

CPT-LDR7016



TECHNICAL SPECIFICATIONS

VIDEO

Signal Format	NTSC or PAL (auto-detect)
Video Resolution	Composite: 720 x 480 (NTSC), 720 x 576 (PAL); VGA: 720 x 480 or 800 x 600 (NTSC), 720 x 576 or 800 x 600 (PAL)
Record Rate	Real-time, 480 ips (NTSC), 400 ips (PAL) at Half D1
Video Input	Composite: BNC, 16 looping 1Vp-p, auto terminating, 75 ohms
Monitor Output	Composite, SVHS, VGA, 4 Spot

INPUTS/OUTPUTS

Audio Input	16 line-in
Audio Output	One RCA-out
Alarm Input	16 programmable NO/NC
Alarm Output	12 dry-contact and four relay
Network Connectivity	10/100 base Ethernet

STORAGE

Primary Storage	One external hard drive with room for up to three external hot-swappable drives and SCSI drive
Secondary Storage	Built-in DVD-RW

GENERAL

Power	100 VAC / 230 VAC, 2 A, 60/50 Hz
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Dimensions

(W x H x D)	17.3 x 7.0 x 19.9 inches; 430 x 177 x 504.2 mm
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Unit Weight

35.27 lbs; 16.0 kg

CONNECTORS

Video Input	Composite: 16 BNC
Video Loop	Composite: 16 BNC
Audio Input	16 RCA
Audio Output	One RCA
Alarm In/Out	Screwless, push-button type, terminal block
PTZ Control	Two RS485
Ethernet Port	RJ45
Modem Port	Two RS232
USB Port	Three USB 2.0
Ultra-wide SCSI Port	High-density female 68-pin connector

MISCELLANEOUS

Compression	MPEG4 method
Encryption	128-bit chained fingerprint encryption
Screen Format	1, 4, 7, 9, 10, 13, 16, PnP
Approvals	FCC, UL, CE, CB

NETWORK

Protocols	Static IP, ADSL, DHCP, DVRNS
Data Export	Minibank Clip Player, AVI, JPEG, BMP



THE COMPLETE SURVEILLANCE SYSTEM

PREMIUM, EMBEDDED DIGITAL VIDEO RECORDER

CPT-XDR SERIES

A series of digital video recorders that offer the stability of an embedded operating system with many attributes not found in other embedded recorders. The XDR series is available in nine and sixteen-channel models with record rates of 120 or 240 images per second and is the first embedded DVR from Capture that can be completely configured and controlled by a USB mouse or IR remote control.

The XDR series also features remote notification, time synchronization, multiple user groups and the S.M.A.R.T. self diagnostic system which monitors the condition of your hard drive(s).

Optimal recording durations are achieved utilizing the motion and object tracker recording features in addition to user-adjustable resolution and record speed settings. Archiving is also made easy through USB and SCSI support, as well as a built-in CD writer.



FEATURES

- ▶ Supplied with one hard drive with room for two additional hard drives
- ▶ Nine or sixteen looping inputs
- ▶ Multiple search engines (date/time, calendar, event)
- ▶ Four audio inputs
- ▶ Four spot monitor outputs
- ▶ Three USB 2.0 ports for easy data extraction
- ▶ Built-in video motion detection
- ▶ Remote access: PSTN, LAN, WAN, Internet
- ▶ IR remote included
- ▶ Built-in CD writer
- ▶ Supports multiple protocols for pan, tilt, zoom control
- ▶ User-adjustable resolution and record speed
- ▶ Multiple recording modes (time-lapse, pre-event, alarm, motion and panic)
- ▶ Rack mount kit included
- ▶ Three-year warranty on DVR and hard drive



1 HARD DRIVE,
ROOM FOR 2 MORE

9 OR 16 LOOPING
INPUTS

MULTIPLE SEARCH
ENGINES





THE COMPLETE SURVEILLANCE SYSTEM

PREMIUM, EMBEDDED
DIGITAL VIDEO RECORDER

CPT-XDR900(P),
CPT-XDR1600(P)



TECHNICAL SPECIFICATIONS

VIDEO

Signal Format	NTSC or PAL (auto detect)
Video Resolution	720 × 480 pixels (maximum)
Playback and Record Speed	Standard Model: 120 ips Pro Model: 240 ips
Video Input	Composite: 9 or 16 looping inputs, 1 Vp-p, auto terminating, 75 ohms
Monitor Output	Composite: one; SVHS: one, VGA: one Composite spot outputs: four

INPUTS/OUTPUTS

Audio Input	Four line-in
Audio Output	One line-out
Alarm Input	9/16 TTL programmable: NO/NC
Alarm Output	9/16 dry-contacts (open collector)
Network Connectivity	10/100 base Ethernet

STORAGE

Primary Storage	One hard drive with room for two additional hard drives
Secondary Storage	Built-in CD-RW

GENERAL

Power	100/230 VAC, 60/50 Hz
Dimensions (W × H × D)	16.9 × 3.5 × 15.9 inches; 430 × 88 × 405 mm
Unit Weight	22.5 lbs; 10.2 kg

CONNECTORS

Video Input	Composite: 9/16 BNC
Video Loop	Composite: 9/16 BNC
Audio Input	Line-in: four RCA
Audio Output	Line-out: four RCA
Alarm In/Out	Screwless, push-button type, terminal block
PTZ Control	RS-485
Ethernet Port	RJ 45
Modem Port	RS-232
USB Port	Three USB 2.0 connectors
Ultra-wide SCSI Port	High-density female 68-pin connector

MISCELLANEOUS

Compression Method	ML-JPEG
Network Transmission Speed	30 ips (maximum)
Encryption	128-bit chained fingerprint encryption
Screen Format (Windows)	9-channel: 1, 4, 7, 9 16-channel: 1, 4, 7, 9, 10, 16
Approvals	FCC, CE, CB, UL

PART NUMBERS

CPT-XDR900	9-channel, 120 ips
CPT-XDR900P	9-channel, 240 ips
CPT-XDR1600	16-channel, 120 ips
CPT-XDR1600P	16-channel, 240 ips



THE COMPLETE SURVEILLANCE SYSTEM

FOUR, EIGHT, SIXTEEN-CHANNEL,
EMBEDDED DIGITAL VIDEO RECORDERS

CPT-SDR410/810/1610

This series of digital video recorders offers great performance and is loaded with features while maintaining a competitive price. The SDR Series provides high-definition images stored on internal hard drives and utilizes an embedded operating system for added reliability. Features such as motion detection, scheduling functions and alarm inputs provide optimal recording, while an efficient video compression algorithm gives maximum recording duration.

These units offer wide-ranging system flexibility and convenience with their built-in CD/RW, audio inputs, video loop-through, network connectivity, pan-tilt-zoom support and access via remote software. User-friendly programming and setup along with playback search tools for fast retrieval of critical video information makes these units ideal for most CCTV applications.



CPT-SDR410



CPT-SDR1610

FEATURES

- ▶ 120 ips recording rate
- ▶ CPT-SDR410: supplied with one hard drive and room for two additional hard drives
- ▶ CPT-SDR810/1610: supplied with one hard drive and room for three additional hard drives
- ▶ Simultaneous recording, playback, archiving and remote monitoring
- ▶ Various record modes (time, event, pre-event and panic)
- ▶ Looping video inputs
- ▶ Supports several protocols for PTZ camera control
- ▶ Multiple playback search engines
- ▶ Built-in video motion detection
- ▶ Input, output, and reset alarm connections
- ▶ Built-in CD/RW and Ethernet port
- ▶ Rack-mount kit included
- ▶ 3-year warranty



120 IPS RECORDING

VARIOUS RECORD MODES

PENTAPLEX OPERATION





THE COMPLETE SURVEILLANCE SYSTEM

FOUR, EIGHT, SIXTEEN-CHANNEL,
EMBEDDED DIGITAL VIDEO RECORDERS

CPT-SDR410/810/1610



CPT-SDR1610

TECHNICAL SPECIFICATIONS

VIDEO	
Signal Format	NTSC or PAL (auto detect)
Video Resolution	720 × 480 pixels (maximum)
Playback and Record Speed	120 ips
Video Input	Composite: four looping inputs, 1.0 Vp-p, auto terminating, 75 ohms
Monitor Output (Selectable)	Composite: one; SVHS: one; VGA: one

INPUTS/OUTPUTS	
Audio Input	CPT-SDR410: Four line-in CPT-SDR810: Two line-in CPT-SDR1610: Two line-in
Audio Output	One line-out
Alarm Input	CPT-SDR410: Four TTL, 4.3 V threshold, programmable: NO/NC CPT-SDR810: Eight TTL, 4.3 V threshold, programmable: NO/NC CPT-SDR1610: Sixteen TTL, 4.3 V threshold, programmable: NO/NC
Alarm Output	Two alarm relay outputs, NO/NC, 0.5 A at 125 VAC
Network Connectivity	10/100 base Ethernet

STORAGE	
Primary Storage	CPT-SDR410: One hard drive with room for two additional hard drives CPT-SDR810/1610: One hard drive with room for three additional hard drives
Secondary Storage	Built-in CD-RW

GENERAL	
Power	100/240 VAC, 2 A, 60/50 Hz
Dimensions (W × H × D)	CPT-SDR410: 16.9 × 3.5 × 14.0 inches; 430 × 88 × 355 mm CPT-SDR810/1610: 16.9 × 3.5 × 15.7 inches; 430 × 88 × 398.7 mm
Unit Weight	CPT-SDR410: 17.6 lbs; 8.0 kg CPT-SDR810/1610: 15.7 lbs; 7.1 kg

CONNECTORS	
Video Input	Composite BNC
Video Loop	Composite BNC
Audio Input	Line-in RCA
Audio Output	Line-out RCA
Alarm In/Out	Screwless, push-button type, terminal block
Ethernet Port	RJ 45
RS-232C Serial Port	DB 9 connector
RS-485 Serial Port	Four on terminal block
USB Port	CPT-SDR410: One USB CPT-SDR810/1610: Two USB

MISCELLANEOUS	
Compression Method	CPT-SDR410: ML-JPEG CPT-SDR810/1610: MPEG4
Network Transmission Speed	30 ips (maximum)
Encryption	128-bit chained fingerprint encryption
Approvals	FCC, CE, CB, UL



THE COMPLETE SURVEILLANCE SYSTEM

FOUR-CHANNEL, EMBEDDED DIGITAL VIDEO RECORDER

CPT-SDR401

This streamlined, four-channel digital video recorder offers great performance in a compact package; the CPT-SDR401 is loaded with features at an economical price. This unit provides high-resolution images stored on internal hard drives and utilizes an embedded operating system for added reliability.

Features such as motion detection, scheduling functions and alarm inputs provide optimal recording, while an efficient video compression algorithm gives maximum recording duration.

This unit offers wide-ranging system flexibility and convenience with video loop through, network connectivity, pan-tilt-zoom support, and access via remote software. User-friendly programming and set-up along with playback search tools for fast retrieval of critical video information make this unit ideal for smaller applications.



FEATURES

- ▶ Real-time recording up to 120 images per second
- ▶ Simultaneous recording, playback, archiving and remote monitoring
- ▶ Supports several protocols for PTZ camera control
- ▶ Four video inputs
- ▶ One audio input
- ▶ Various record modes (time, event, pre-event and panic)
- ▶ Available with either 80 or 160 GB hard drive
- ▶ IR remote included
- ▶ Multiple playback search engines
- ▶ Built-in video motion detection
- ▶ Input, output, and reset alarm connections
- ▶ Built-in Ethernet port
- ▶ Three-year warranty on DVR and hard drive



REAL-TIME
RECORDING, 120 IPS

SIMULTANEOUS
FEATURES

SUPPORTS PTZ
CAMERA CONTROL





THE COMPLETE SURVEILLANCE SYSTEM

FOUR-CHANNEL, EMBEDDED
DIGITAL VIDEO RECORDER

CPT-SDR401/80,
CPT-SDR401/160



TECHNICAL SPECIFICATIONS

VIDEO

Signal Format	NTSC or PAL (auto detect)
Video Resolution	720 × 480 pixels (maximum)
Playback and Record Speed	120 ips
Video Input	Composite: four looping inputs, 1.0 Vp-p, auto terminating, 75 ohms
Monitor Output	Selectable; Composite: one; VGA: one

INPUTS/OUTPUTS

Audio Input	One line-in
Audio Output	One line-out
Alarm Input	Four TTL, 4.3 V threshold, programmable: NO/NC
Alarm Output	Two alarm relay outputs, NO/NC, 0.5 A at 125 VAC
Network Connectivity	10/100 base Ethernet

STORAGE

Primary Storage	One hard drive: CPT-SDR401/80: 80 GB CPT-SDR401/160: 160 GB
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GENERAL

Power	100/240 VAC, 2 A, 60/50 Hz
Dimensions (W × H × D)	13.38 × 1.81 × 12.2 inches; 340 × 46.5 × 310 mm

Unit Weight	7.05 lbs; 3.2 kg
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CONNECTORS

Video Input	Composite: four BNC
Video Loop	Composite: four BNC
Audio Input	Line-in: one RCA
Audio Output	Line-out: one RCA
Alarm In/Out	Screwless, push-button type, terminal block
Ethernet Port	RJ 45
RS-232C	
Serial Port	DB 9 connector
USB Port	One USB

MISCELLANEOUS

Configuration and Control	Via IR remote control and front panel
Compression Method	MPEG4
Network Transmission Speed	30 ips (maximum)
Encryption	128-bit chained fingerprint encryption
Screen Format	1, 4 windows
Approvals	FCC, CE, CB, UL



THE COMPLETE SURVEILLANCE SYSTEM

DIGITAL VIDEO RECORDER FOR MOBILE SURVEILLANCE

CPT-MDR400

This specialized four-channel digital video recorder for mobile applications is designed to withstand harsh environmental hazards such as shock and vibrations.

The CPT-MDR400 is an ideal solution for passenger safety (school buses and public transit) and mobile surveillance. The DVR operates using 9 to 30 VDC, which makes it compatible with common 12 VDC and 24 VDC power systems.

The CPT-MDR400 provides real-time recording at 30 images per second, per camera (120 ips total) and offers exceptional picture quality in both live and playback modes.

The user-friendly interface, compact design, and robust housing make the CPT-MDR400 perfect for mobile applications.



FEATURES

- ▶ Removable hard disk drive
- ▶ Four camera inputs
- ▶ Selectable delayed recording time after ignition switch is turned off
- ▶ Real-time recording
- ▶ Vibration insulation mounting rack
- ▶ Records up to 120 images per second
- ▶ Lock & key power switch
- ▶ Built-in video motion detection
- ▶ Input, output and reset alarm connection
- ▶ Remote monitoring and playback
- ▶ Built-in Ethernet port
- ▶ Optional USB playback adaptor
- ▶ Optional wired remote control and programmer
- ▶ Three-year warranty on DVR and hard drive



REMOVABLE HARD
DISK DRIVE

FOUR CAMERA
INPUTS

DELAY RECORDING
TIME SWITCH





THE COMPLETE SURVEILLANCE SYSTEM

DIGITAL VIDEO RECORDER
FOR MOBILE SURVEILLANCE

CPT-MDR400



TECHNICAL SPECIFICATIONS

VIDEO

Signal Format	NTSC or PAL (auto detect)
Video Resolution	720 x 480 pixels (NTSC)
Playback and Record Speed	120 ips (NTSC)
Video Input	Composite: Four BNC, 1.0 Vp-p, 75 ohms
Monitor Output	Composite: one BNC

INPUTS/OUTPUTS

Audio Input	Four line-in
Audio Output	One line-out
Alarm Input	Four TTL programmable: NO/NC
Alarm Output	Two dry-contact (open collector)
Network Connectivity	10/100 base Ethernet

STORAGE

Primary Storage	One removable EIDE hard drive
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GENERAL

Power	9 to 30 VDC, 6 A on power up, 3 A running
Dimensions (W x H x D)	11.8 x 4.8 x 14.6 inches; 300 x 121 x 372 mm
Unit Weight	19 lbs; 8.6 kg

CONNECTORS

Video Input	Composite: four BNC
Audio Input	Line-in: four BNC
Audio Output	Line-out: one BNC
Alarm In	Four screwless, push-button type, terminal block
Alarm Out	Two screwless, push-button type, terminal block
Alarm Reset	One terminal block
PTZ Control	RS-232
Ethernet Port	RJ 45
Modem Port	DB 9
USB Port	One USB

MISCELLANEOUS

Optional Equipment	CPT-MDR/PBS: USB playback adaptor; CPT-MDR/HHP: handheld wired programmer CPT-MDR/HDC: hard drive carriage
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Compression Method	ML-JPEG
Network Transmission Speed	30 ips (maximum)
Encryption	128-bit chained fingerprint encryption
Screen Format	1, 4 windows
Approvals	FCC, CE, E mark



THE COMPLETE SURVEILLANCE SYSTEM

ADVANCED DIGITAL VIDEO RECORDER

CPT-PCR4016

This high-quality digital recorder combines the functions of a recorder and multiplexer into one intelligent front-end for any CCTV system.

Multitasking capabilities allow several operations to be performed simultaneously such as live viewing, recording, playback/search and remote operation. Recording duration is optimized by selective compression methods and camera priority set-up features that include motion detection, time scheduling and event recording.

This unit is supplied standard with LAN card interface and 'WebGuard' software (for Internet accessibility). The CPT-PCR4016 incorporates the Capture ML-JPEG compression algorithm with the latest technology to ensure optimum recording efficiency and fast retrieval of critical video surveillance information.



FEATURES

- ▶ 16 camera inputs
- ▶ Built-in video motion detection
- ▶ Remote access: LAN, WAN, Internet
- ▶ 16 hardwire alarm inputs
- ▶ Supplied with one hard drive and room for two additional hard drives
- ▶ Records up to 120 images per second, user-selectable
- ▶ Supports multiple protocols for pan, tilt and zoom control
- ▶ User-adjustable resolution
- ▶ Built-in CD writer
- ▶ Three recording modes: time lapse, event and time/event
- ▶ Fingerprint encryption for picture authentication
- ▶ Covert feature allows for hidden cameras
- ▶ Watchdog feature
- ▶ 'SmartSearch' for instant video retrieval (by date, time, camera or activity)
- ▶ One audio input channel
- ▶ Three-year warranty on DVR and hard drive



16 CAMERA INPUTS

VIDEO MOTION DETECTION

REMOTE ACCESS





THE COMPLETE SURVEILLANCE SYSTEM

ADVANCED DIGITAL VIDEO RECORDER

CPT-PCR4016



TECHNICAL SPECIFICATIONS

VIDEO

Signal Format	NTSC or PAL (auto detect)
Video Resolution	640 × 480; 640 × 240, 320 × 240; 160 × 120 pixels
Playback and Record Speed	120 ips (maximum)
Video Input	Composite: 16 inputs, 1.0 Vp-p, 75 ohms
Monitor Output	VGA: main monitor, Composite: one spot output, S-VHS: one output

INPUTS/OUTPUTS

Audio Input	One line-in
Audio Output	One line-out
Alarm Input	16 TTL programmable: NO/NC
Alarm Output	One alarm relay output
Network Connectivity	10/100 base Ethernet

STORAGE

Primary Storage	One hard drive with room for two additional hard drives
Secondary Storage	Built-in CD-RW

GENERAL

Power	100 to 127 V, 6 A, 200 to 240 V, 3 A, 60/50 Hz
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Dimensions

(W × H × D)	16.7 × 7.0 × 17.7 inches; 425 × 177.8 × 450 mm
Unit Weight	25.8 lbs; 11.7 kg

CONNECTORS

Video Input	Composite: 16 BNC
Audio Input	Line-in: one RCA
Audio Output	Line-out: RCA
Alarm In/Out	Screwless, push-button type, terminal block
PTZ Control	RS-232
Ethernet Port	RJ 45
USB Port	Two USB connectors
Parallel Port	25-pin

MISCELLANEOUS

Compression Method	ML-JPEG
Network Transmission Speed	30 ips (maximum)
Encryption	128-bit chained fingerprint encryption
Screen Format	1, 4, 7, 9, 10, 16 windows
Optional Equipment	DVD-RW
Approvals	FCC, CE, UL



THE COMPLETE SURVEILLANCE SYSTEM

PREMIUM DIGITAL VIDEO RECORDER

CPT-IDR4816 / 4916

These high-quality digital recorders support seven internal hard drives for extended storage and combine the functions of a recorder and multiplexer into one intelligent front end for any CCTV system. The CPT-IDR4816 and CPT-IDR4916 record at 120 and 240 images per second, respectively.

Multitasking capabilities allow several operations to be performed simultaneously such as live viewing, recording, playback/search and remote operation. Recording duration is optimized by selective compression methods and camera priority set-up features that include motion detection, time scheduling and event recording. These units are supplied standard with LAN card interface and 'WebGuard' software (for Internet accessibility).

The CPT-IDR4816 and CPT-IDR4916 incorporate the Capture ML-JPEG compression method with the latest technology to ensure optimum recording efficiency and fast retrieval of critical video surveillance information.



FEATURES

- ▶ 'SmartSearch' for instant video retrieval (by date, time, camera and activity)
- ▶ Fingerprint encryption for picture authentication
- ▶ 16 channel video loop out
- ▶ 16 hardwire alarm inputs
- ▶ Supplied with one hard drive and room for six additional hard drives
- ▶ Built-in video motion detection
- ▶ Remote access: LAN, WAN, Internet
- ▶ Records up to 120/240 images per second, user selectable
- ▶ Supports multiple protocols for pan, tilt and zoom control
- ▶ Three recording modes: time lapse, event, time/event
- ▶ User-adjustable resolution
- ▶ Covert feature allows for hidden cameras
- ▶ 'SmartGuard' monitoring and recording software
- ▶ Rack-mountable
- ▶ Watchdog feature
- ▶ One audio input channel
- ▶ Built-in CD writer
- ▶ Three-year warranty on DVR and hard drive



'SMARTSEARCH' TECHNOLOGY

FINGERPRINT ENCRYPTION

16 CHANNEL VIDEO LOOP OUT





THE COMPLETE SURVEILLANCE SYSTEM

PREMIUM DIGITAL VIDEO RECORDER

CPT-IDR4816,
CPT-IDR4916



TECHNICAL SPECIFICATIONS

VIDEO

Signal Format	NTSC or PAL (auto detect)
Video Resolution	640 × 480, 640 × 240, 320 × 240, 160 × 120 pixels
Playback and Record Speed	CPT-IDR4816: 120 ips (max) CPT-IDR4916: 240 ips (max)
Video Input	Composite: 16 looping inputs, 1 Vp-p, auto terminating, 75 ohms
Monitor Output	VGA: main monitor, Composite: five spot outputs, S-VHS: one output

INPUTS/OUTPUTS

Audio Input	One line-in
Audio Output	One line-out
Alarm Input	16 TTL programmable: NO/NC
Alarm Output	One alarm relay output
Network Connectivity	10/100 base Ethernet

STORAGE

Primary Storage	One hard drive with room for six additional hard drives
Secondary Storage	Built-in CD-RW

GENERAL

Dimensions (W × H × D)	17.3 × 7.1 × 19.96 inches; 440 × 180 × 507 mm
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Unit Weight	53.4 lbs; 24.2 kg
Power	100 to 127 V, 6 A, 200 to 240 V, 3 A, 60/50 Hz

CONNECTORS

Video Input	Composite: 16 BNC
Video Loop	Composite: 16 BNC
Audio Input	Line-in: one RCA
Audio Output	Line-out: RCA
Alarm In/Out	Screwless, push-button type, terminal block
PTZ Control	RS-232
Ethernet Port	RJ 45
USB Port	Four USB connectors
Parallel Port	25-pin

MISCELLANEOUS

Compression Method	ML-JPEG
Network Transmission Speed	30 ips (maximum)
Encryption	128-bit chained fingerprint encryption
Screen Format	1, 4, 7, 9, 10, 16 windows
Optional Equipment	DVD-RW
Approvals	FCC, CE, UL



THE COMPLETE SURVEILLANCE SYSTEM

REAL-TIME DIGITAL VIDEO RECORDER

CPT-IDR6016

This real-time, 16-channel digital recorder offers excellent performance and exceptional picture quality. The CPT-IDR6016 records at 480 images per second.

Optimal recording durations are achieved through configurable settings such as motion detection, time scheduling and event recording on a per camera basis. This powerful DVR includes a user-friendly interface and a built-in CD-RW for easy data backup.

Among many additional features, the 16 audio inputs and 16 looping video outputs make the CPT-IDR6016 an ideal recorder for the most demanding of applications.



FEATURES

- ▶ 'SmartSearch' for instant video retrieval (by date, time, camera and activity)
- ▶ Real-time recording up to 480 images per second
- ▶ 16 channel video loop out
- ▶ 16 audio inputs
- ▶ 16 alarm inputs
- ▶ Dual scheduling (normal scheduling and advanced scheduling for after hours)
- ▶ Key lock chassis
- ▶ Remote access: LAN, WAN, Internet
- ▶ Supplied with one hard drive and room for six additional hard drives
- ▶ Pentaplex operation (monitor, record, playback, transmit and backup simultaneously)
- ▶ Video motion detection
- ▶ Built-in CD writer
- ▶ Supports multiple protocols for pan, tilt and zoom control
- ▶ Rack mountable
- ▶ Three-year warranty on DVR and hard drive



'SMARTSEARCH' TECHNOLOGY

REAL-TIME RECORDING, 480 IPS

16 CHANNEL VIDEO LOOP OUT





THE COMPLETE SURVEILLANCE SYSTEM

REAL-TIME DIGITAL VIDEO RECORDER

CPT-IDR6016



TECHNICAL SPECIFICATIONS

VIDEO		USB Port	Four USB connectors
Signal Format	NTSC or PAL (auto detect)	Parallel Port	25-pin
Video Resolution	640 × 480, 640 × 240, 320 × 240, 160 × 120 pixels	STORAGE	
Playback and Record Speed	480 ips (maximum)	Primary Storage	One hard drive with room for six additional hard drives
Video Input	Composite: 16 inputs, 1.0 Vp-p, auto terminating, 75 ohms	Secondary Storage	Built-in CD-RW
Monitor Output	VGA: main monitor, Composite: one spot output	GENERAL	
INPUTS/OUTPUTS		Power	100 to 127 V, 6 A, 200 to 240 V, 3 A, 60/50 Hz
Audio Input	16 line-in	Dimensions (W × H × D)	17.3 × 7.1 × 30.7 inches; 440 × 180 × 507 mm
Audio Output	One line-out	Unit Weight	53.4 lbs; 24.2 kg
Alarm Input	16 TTL programmable: NO/NC	MISCELLANEOUS	
Alarm Output	16 alarm relay outputs: NO/OC	Compression Method	ML-JPEG
Network Connectivity	10/100 base Ethernet	Network Transmission Speed	30 ips (maximum)
CONNECTORS		Encryption	128-bit chained fingerprint encryption
Video Input	Composite: 16 BNC	Screen Format	1, 4, 7, 9, 10, 16 windows
Video Loop	Composite: 16 BNC	Optional Equipment	DVD-RW
Audio Input	Line-in: one RCA	Approvals	FCC, CE, UL
Audio Output	Line-out: RCA		
Alarm In/Out	Screwless, push-button type, terminal block		
PTZ Control	RS-232		
Ethernet Port	RJ 45		



THE COMPLETE SURVEILLANCE SYSTEM

32-CHANNEL DIGITAL VIDEO RECORDER

CPT-IDR4132

This 32-channel digital recorder offers excellent performance and exceptional picture quality; the CPT-IDR4132 records at 240 images per second.

While maintaining the ease-of-use that Capture is known for, this DVR effortlessly manages large camera installations with a single recorder.

Customizing settings such as motion detection, scheduling, record rate and image quality on a per camera basis will allow for optimal recording durations and favorable bandwidth consumption.

This powerful DVR includes a user-friendly interface, a built-in CD writer and six USB ports for easy data backup. The high recording rate and 32 camera inputs make the CPT-IDR Series ideal recorders for any demanding, large scale application.



FEATURES

- ▶ 'SmartSearch' capability for instant retrieval (by date, time, camera or activity)
- ▶ Fingerprint encryption for picture authentication on recording and minibank
- ▶ 32 camera inputs
- ▶ 32 alarm inputs
- ▶ Minibank method of video back up
- ▶ 240 images per second recording rate
- ▶ 10 spot monitor outputs
- ▶ Built-in video motion detection
- ▶ Key lock chassis
- ▶ Supplied with one hard drive and room for six additional hard drives
- ▶ Pentaplex operation (monitor, record, playback, transmit and backup simultaneously)
- ▶ Supports multiple pan-tilt-zoom protocols
- ▶ Built-in CD writer
- ▶ Remote access: LAN, WAN, Internet
- ▶ Rack mountable
- ▶ Three-year warranty on DVR and hard drive



'SMARTSEARCH' TECHNOLOGY

FINGERPRINT ENCRYPTION

32 CAMERA INPUTS





THE COMPLETE SURVEILLANCE SYSTEM

32-CHANNEL DIGITAL VIDEO RECORDER

CPT-IDR4132



TECHNICAL SPECIFICATIONS

VIDEO

Signal Format	NTSC or PAL (auto detect)
Video Resolution	640 × 480, 640 × 240, 320 × 240, 160 × 120 pixels
Playback and Record Speed	240 ips (maximum)
Video Input	Composite: 32 inputs, 1.0 Vp-p, 75 ohms
Monitor Output	VGA: main monitor, Composite: 10 spot outputs, S-VHS: main monitor

INPUTS/OUTPUTS

Audio Input	One line-in, or mic programmable
Audio Output	One line-out
Alarm Input	32 switch closure or TTL open collector
Alarm Output	Two relays, NO/NC
Network Connectivity	10/100 base Ethernet

STORAGE

Primary Storage	One hard drive with room for six additional hard drives
Secondary Storage	Built-in CD-RW

GENERAL

Power	100 to 127 V, 6 A, 200 to 240 V, 3 A, 60/50 Hz
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Dimensions

(W × H × D)	17.3 × 7.1 × 19.96 inches; 440 × 180 × 507 mm
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Unit Weight	53.4 lbs; 24.2 kg
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CONNECTORS

Video Input	Composite: 32 BNC
Audio Input	Line-in or mic-in jack
Audio Output	Line-out: RCA
Alarm In/Out	Screwless, push-button type, terminal block
PTZ Control	RS-232
Ethernet Port	RJ 45
USB Port	Six USB connectors
Parallel Port	25-pin

MISCELLANEOUS

Compression Method	ML-JPEG
Network Transmission Speed	30 ips (maximum)
Encryption	128-bit chained fingerprint encryption
Screen Format	1, 4, 7, 9, 10, 16, 32 windows
Optional Equipment	DVD-RW
Approvals	FCC, CE, UL



THE COMPLETE SURVEILLANCE SYSTEM

DIGITAL COLOR QUAD PROCESSOR

CPT-CQ4

This high-quality color video processor is housed in an attractive desktop cabinet. Designed for applications where you want to view up to four cameras on a single monitor, the CPT-CQ4 contains a real-time processor for 60 fields per second display of cameras in sequencing full-screen, picture-in-picture and quad display modes.



ZOOM FROM QUAD TO FULL SCREEN

QUAD AND PIP DISPLAY

SKIP IN SEQUENTIAL MODE

FEATURES

- ▶ Digital zoom from a quad to full screen on playback
- ▶ Several display modes including quad and picture-in-picture display
- ▶ Programmable camera skip in sequential mode
- ▶ On-screen display: time, date and camera title
- ▶ Screen freeze capability
- ▶ Picture adjustment for each camera
- ▶ Four alarm inputs: N.C, N.O, or OFF
- ▶ Selectable display on alarm: quad or full-screen
- ▶ Video loss alarm
- ▶ Alarm/Video loss history log
- ▶ Remote control (RS-485)
- ▶ Menu languages: English, German, French, Italian or Spanish
- ▶ Key lock/menu password enabled
- ▶ Rack mount kit included
- ▶ Auto-terminating camera inputs (looping)
- ▶ Three-year warranty





THE COMPLETE SURVEILLANCE SYSTEM

DIGITAL COLOR QUAD PROCESSOR

CPT-CQ4



TECHNICAL SPECIFICATIONS

ELECTRICAL

Signal Format	525 TV lines, 2:1 interface, NTSC
Video Inputs	Four BNC, 1.0 Vp-p, 75 ohms, auto terminating
Video Outputs	Four BNC (passive loop through) auto terminating
VCR Output	BNC, 1.0 Vp-p 75 ohms
VCR Input	BNC, 1.0 Vp-p 75 ohms
Monitor Output	Two BNC, 1.0 Vp-p, 75 ohms, unbalanced
Pixel Resolution	720 x 480 pixels, NTSC
Shades of Grey	256
Colors	16.7 million
Display Rate	Real-time refresh rate (60 ips for NTSC)
Video Dwell	Programmable 01 to 99 seconds
Alarm Inputs	Normally Open or Normally Closed (programmable) terminal strip
Alarm Outputs	Form C Dry-contact, terminal strip
Video Loss	OSD Display ("L"), Alarm buzzer and relay
Freeze	OSD Display ("F")
Camera Titles	Eight characters per camera

ALARM

Camera Alarm Input	Four inputs with individual polarity selection; Activated by contact closure or TTL/CMOS signal
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Alarm Output	Two N.O and N.C contacts with shared common; 1.0 A at 24 VDC (resistive only)
Alarm Hold Time	Programmable 0 to 99 seconds
Alarm Buzzer	On/off programmable
Relay	On/off programmable
Annunciation	Alarm buzzer (on/off)

GENERAL

Ambient Temperature	32° F to 95° F; 0° C to 35° C
Ambient Humidity	10% to 90% (non-condensing)
Power Requirement	12 VDC, 1.5 A, power supply included
Dimensions (W x H x D)	17.5 x 1.73 x 13.1 inches; 444.5 x 44 x 334 mm
Unit Weight	5.17 lbs; 2.35 kg



THE COMPLETE SURVEILLANCE SYSTEM

DIGITAL COLOR MULTIPLEXER

CPT-CD SERIES

This range of multiplexers utilizing the latest digital video processing technology, provides high-quality recording and can accommodate the most demanding CCTV security applications.

Available in four, nine and sixteen-channel models, these easy-to-program and user-friendly multiplexers are compatible with all VCRs/DVRs and are able to decode recorded tapes from other brands of multiplexers.

These Capture multiplexers have one main monitor output with four additional spot monitor outputs (only on CPT-CD9T and CPT-CD16T) and a multi-camera display allowing cameras to be viewed independently or combined during recording or playback.

Alarm features include a motion detection system that senses motion in any direction, adjustable sensitivity, as well as day and night scheduling.



FEATURES

- ▶ Decode tapes from other brands of multiplexers
- ▶ Programmable day and night motion detection schedules
- ▶ Programmable motion detection based on direction of a moving object
- ▶ Multiple monitor outputs (one main, four spot) allow simultaneous multi-camera and full-screen viewing, manually, sequentially, or as a result of an alarm (only on CPT-CD9T & CPT-CD16T)
- ▶ Multilingual setup menus (English, French, Italian, German & Spanish)
- ▶ Up to four cameras can be associated with a single alarm contact closure
- ▶ On-screen programming via mouse
- ▶ Daisy chained operation
- ▶ Rack mount kit included
- ▶ VCR/DVR switch pulse input for synchronization with VCRs/DVRs that have switch pulse feature
- ▶ Full triplex operation allows simultaneous recording, playback and live viewing
- ▶ External computer control and non-volatile program memory
- ▶ Three-year warranty



▶ DECODE TAPES

▶ DAY/NIGHT MOTION DETECTION

▶ MOTION DETECTION OF MOVING OBJECT





THE COMPLETE SURVEILLANCE SYSTEM

DIGITAL COLOR MULTIPLEXER

CPT-CD4T, CPT-CD9T,
CPT-CD16T



TECHNICAL SPECIFICATIONS

VIDEO

Signal Format	NTSC
Camera Inputs	Looping inputs, 1.0 Vp-p, 75 ohms, auto terminating
VCR Input (Composite & S-Video)	1.0 Vp-p, 75 ohms and Luma, 1.0 Vp-p, 75 ohms; Chroma (burst) 0.286 Vp-p, 75 ohms
Main Monitor	1.0 Vp-p, 75 ohms and Luma
Output (Composite & S-Video)	1.0 Vp-p, 75 ohms; Chroma (burst) 0.286 V p-p, 75 ohms
Spot Monitor Outputs	1.0 Vp-p, 75 ohms, CPT-CD4T: one CPT-CD9T: four, CPT-CD16T: four

VIDEO

Alarm Inputs	Inputs with individual polarity selection, activated by contact closure or TTL/CMOS signal; one per camera input
Alarm Outputs	Two relays NO and NC contacts with shared common, 1.0 A and 24 VDC (resistive only)
Camera Alarm	One output per camera, TTL/CMOS Outputs (Active high or low selectable)
VCR/DVR Trigger Input	Terminal input
Master/Slave TGD	RS-485
PC Software Control	RS-232

GENERAL

Power Requirements	12 VDC, 2.5 A, 100/240 VAC universal adapter included
Alarm History	256 events and via RS-232 and print out
Ambient Temperature	32° F to 95° F; 0° C to 35° C
Ambient Humidity	10% to 90% non-condensing
Dimensions (W x H x D)	17 x 1.73 x 12.2 inches; 432 x 44 x 310 mm
Unit Weight	5.3 lbs; 2.4 kg

CONNECTORS

Power	2.1 mm pin type; female
RS-232	(1200 to 19200 bps) RX/TX
RS-485	(1200 to 19200 bps) RX/TX
Camera Inputs	BNC per camera input with loop through
Main Monitor Out	One BNC and one S-Video (CVBS) and (V/C)
VCR In	One BNC and one S-Video (CVBS) and (Y/C)
VCR Out	One BNC and one S-Video (CVBS) and (Y/C)
Spot Monitor Output	Four BNC for CD9T and CD16T One BNC for CD4T
Alarm Input/Output	Terminal block
RS-232 (RX/TX)	Terminal block and two RJ 45 and RS-485 (RX/TX)
P/S2 Mouse Port	One 5-pin mini DIN