

30X Optical Zoom, 12X Digital Zoom, High Resolution Sony Exmor 2 Megapixel IP-Camera, Web Interface, Weatherproof, ONVIF



2 MP		30x Zoom Optical
Day Night	Smart Phone	TI DaVinci DSP
7/2 Alarm Input / Output	WDR	ONVIF

- **Sony 2MP Exmor CMOS Sensor**
- **30x Optical Zoom**
- **Web Interface**
- **ONVIF**
- **Ships standard with included wall mount.**
- **Pole, Pendant, Ceiling, and Corner Mounts Available (Optional)**

Technical Specifications

CSP-IPPTZ	Network/IP-Pan Tilt Zoom Camera
Camera Specifications	
Sensor Type	2MP Sony Exmor CMOS
Module Type	30X Optical Zoom Module
Effective Pixels	2 Megapixels
Digital Zoom	16x
Minimum Subject Distance	10mm-1000mm
Minimum Illumination	1.8 Lux Color 0.02 Lux B&W
Electronic Shutter	1/1 - 1/30,000/s
Zoom	30x Optical, 16x Digital
White Balance	Auto / Manual
Day/Night	Auto (ICR), Color, B&W – 0.05 lux/Color, 0.005 lux/B&W
S/N Ratio	>50dB
Privacy Masking	On/Off
Analog Video Output	BNC (1.0Vp-p/75Ω) NTSC
Video Compression	H.264 / MJPEG4
Image Resolution	1080p (1920/1080) 720p (1280/720) D1 (704x480)
Encoding Speed	Mainstream: NTSC 1080p/720p 1-30FPS
Bit Rate	32Kbps - 8Mbps
Audio Compression	G.711a (32Kbps) / AMR (10.2Kbps)
Speed Dome	
Presets	255
Auto Tour	8
Auto Pattern	5
Auto Scan	5
Pan Speed	0.1° - 300° / second
Pan Range	0° - 360° continuous
Tilt Speed	0° - 150° / second
Tilt Range	-2° - 90° – Auto rotates to pan 180°
Alarm I/O	7/2
Preset Speed	Horizontal 400° / second Vertical 300° / second
3D Positioning	Yes
Idle Motion	Activate preset/scan/tour/pattern
Electrical	
Power Requirements	AC 24V/3A
Power Consumption	12W
Environmental & Physical	
Operating Temperature	-40° F to 140° F
Operating Humidity	0-90% (No condensation)
PTZ Weight	10lbs
Wall Mount Weight	3lbs
Shipping Weight	16lbs

Network	
Ethernet	RJ-45 (10/100Base-T)
Network Functions	TCP/IP, HTTP, DDNS, DHCP, FTP, DNS, IP Filter, PPPoE, NTP, SMTR, Alarm Server
Max Remote Users	20 Simultaneous Users
Processor	TI DaVinci Series DSP
Operating System	Imbedded LINUX
Resource	Simultaneous remote monitoring, remote operation, and local recording
Remote Operation	Monitor, PTZ control, Voice Intercom, System setting, Playback, File download, Log Information, Maintenance and Upgrade
Local Recording	SD/SDHC, Max 32GB
User Interface	Web, CMS (PSS), NVR



SNCDH140T

Network 720p HD Vandal Resistant Minidome Camera with View-DR Technology

\$1,448.00 U.S. List Price

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UPC:027242260603

[Zoom Image](#)

This vandal-resistant, wide dynamic range mini dome camera supports H.264, MPEG-4, and JPEG compression formats and delivers excellent picture quality in HD 720p resolution at 30 fps. Incorporating the new "Exmor™" CMOS image sensor, which is designed for surveillance, this camera features state-of-the-art image-enhancement technology, View-DR.

Highlights:

- Superior 720p HD picture quality, supporting h.264 at 30 fps
- Maximum resolution 1280 x 1024
- Superior dynamic range using newly developed View-DR (visibility enhanced wide dynamic range)
- XDNR (excellent dynamic noise reduction) for clear images in low light without motion blur
- Three codecs (JPEG/MPEG-4/H.264) and dual encoding
- The new "Exmor" CMOS sensor realizes high image quality and high sensitivity for surveillance
- Easy focus function/easy zoom function
- DEPA advanced - intelligent video and audio analytics, alarm trigger based on user-defined rules, intelligent motion detection, tamper alarm and advanced audio detection
- ONVIF conformance (open network video interface forum)
- Vandal resistant - IK10 rated

Camera Specifications	Detail:
IP/Analog	IP
Image Device	1/3 type progressive scan Exmor CMOS sensor
Effective Pixels	1.4 Megapixel (1329 x 1049)
Minimum Illumination	Color: 0.20lx, BW: 0.10lx (F1.2 VIEW-DR OFF/ XDNR ON-Middle/VE OFF/AGC High/ 50IRE [IP])
Lens Type	Vari-focal lens
Focal Length	f=3.1 mm to 8.9 mm
F-Number	F1.2 (Wide), F2.1 (Tele)

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Compression Format	H.264, MPEG-4, JPEG
Day Night	Yes (True day/night)
Wide-D	Yes
Zoom Ratio	Optical 2.9X
Minimum Object Distance	300 mm
White Balance Mode	Auto (ATW, ATW-PRO), Preset, One-push WB, Manual
Horizontal Viewing Angle	85.4 to 31.2 degrees
Electronic Shutter	1s to 1/10000s
Exposure Control	Auto, EV Compensation, Auto Slow Shutter
Gain	Auto
Other Functions	Easy Focus Easy Zoom Wide-D/Dynamic Range - VIEW-DR 130 dB Visibility Enhancer (VE) Noise reduction - Yes/XDNR Vandal resistant (IK10)
Image Specifications	Detail:
Image Size	1280 x 1024, 1280 x 960, 1280 x 800, 1280 x 720, 1024 x 768, 1024 x 576, 800 x 480, 768 x 576, 720 x 576, 720 x 480, 704 x 576, 640 x 480, 640 x 368, 384 x 288, 320 x 240, 320 x 192 (H.264, MPEG-4, JPEG)
Compression Format	H.264, MPEG-4, JPEG
Frame Rate	H.264: 20fps (1280 x 1024) / 30 fps (1280 x 720) MPEG-4: 25fps (1280 x 1024) / 30 fps (1280 x 720) JPEG: 30fps (1280 x 1024) / 30 fps (1280 x 720)
Analog Video Output Specifications	Detail:
Signal System	NTSC / PAL
Interface Specifications	Detail:
Network	10BASE-T / 100BASE-TX (RJ-45)
Analog Video Output	Phono jack x 1 (1.0 Vp-p, 75 ohms, unbalanced, sync negative)
General Specifications	Detail:
Power Requirements	AC24 V, DC 12 V PoE (Class 0) (IEEE802.3af compliant)
Power Consumption	6.0 W max.
Operating Temperature	14°F to 122°F (-10°C to +50°C)
Storage Temperature	-4°F to +140°F (-20°C to +60°C)

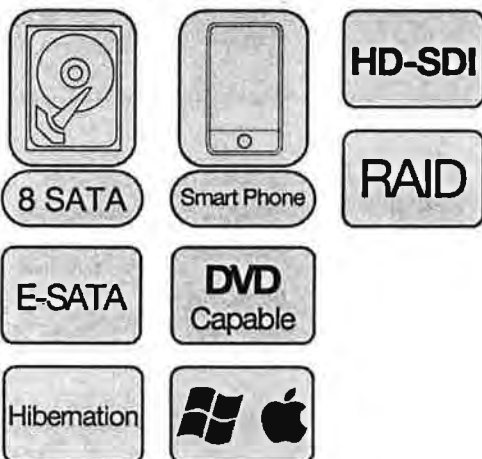
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Compression	H.264, MPEG4, JPEG
FPS	variable up to 30
Resolution	1.3 megapixel/720p
Network Specifications	Detail:
Protocols	IPv4, IPv6, TCP, UDP, ARP, ICMP, IGMP, HTTP, HTTPS, FTP (client only), SMTP, DHCP, DNS, NTP, RTP/RTCP, RTSP, SNMP (MIB-2)
Number of Clients	5
Authentication	IEEE802.1X
System Requirements Specifications	Detail:
Operating System	Microsoft Windows XP®, Windows Vista® (32bit), Windows® 7 (32bit)
Processor	Intel Core2 Duo® 2 GHz or higher
Memory	1 GB or more
Web Browser	MS Internet Exp 6.0,7.0,8.0; Firefox 3.5, Safari 4.0, Google Chrome 4.0 (Plug-in free viewer only)
Optional Accessories	

CSP-EXTREME16SDI

Dual Core Processing, HD-SDI Recording, 1080p Realtime Recording & Preview, Enterprise Class DVR

Technical Specifications



- **Dual Core Processor**
- **4, 8, 16 Channel HD-SDI Video 1080p Realtime Live View**
- **4 Channel: 120FPS@1080p**
- **8 & 16 Channel: 240FPS@1080p**
- **HDMI, VGA & TV Simultaneous Video Output**
- **Setup Wizard for the Initial Configuration of the DVR**
- **Search & Playback Functionality & Interface**
- **8 SATA up to 32TB, 1 eSATA up to 16TB, 4 USB 2.0**
- **HDD Groups allow you to determine which channel records to Each Specified HDD**
- **Smart Video Detect (Motion Detect, Camera Blank & Video Loss)**
- **Support for 3D Intelligent Zoom using any PTZ**
- **On-Screen Keyboard**
- **Built In Web Server, CMS (PSS) & SS (Smart Phone)**

CSP-EXTREME16SDI	HD-SDI 2U Digital Video Recorder
General	
Video Inputs	4, 8, & 16 Channels, BNC (LDVp-p, 750hm)
Video Outputs	HDMI, VGA, TV & BNC
Audio Inputs	4/8/16 Channel BNC (200-2800mV, 30 Ohm)
Audio Outputs	1 Channel BNC (200-3000mV, 5k Ohm)
Two-way Talk	1 Channel Input, 1 Channel Output, BNC
Video Compression	H.264
Recording Resolution	1080P(1920x1080), 720P(1280x720) D1(704x480), CIF(352x240)
Record Rate	4 Channel : 120FPS@ 1080p 8 & 16 Channel : 240FPS@1080p Extra/Sub-Stream : D1/CIF@30FPS
BR Rate	256-8096 Kbps
Record Mode	Manual, Schedule, MD, Camera Blank/Video Loss, Alarm
Trigger Events	Recording, PTZ Movement, Tour, Alarm, Email, Spot Output
Motion Detection	22x18, 1-6 Sensitivity
Alarm Input	4, 8, 16 Channel
Relay Output	6 Channel
Playback Channel	1, 4, 9, 16 Channel Simultaneous Playback
Search Mode	Time/Date, Alarm, Motion Detect & Exact Search (Accurate to the Second), Smart Search
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Repeat, Shuffle, Backup Selection, Digital Zoom
Backup Method	eSATA, Flash Drive, USB HDD, Network Download
Network	RJ-45 Port (10m/100m/1000m)
Network Function	HTTP, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, IP Search
Remote Users	Max 20 Users Simultaneously
Remote Operation	Monitor, PTZ Control, Playback, System Setting, File Download, Log Info
HDD Interface	8 SATA Ports, Up to 32TB, 1 eSATA up to 16TB
Mechanical	
Video I/O	BNC
Monitor	HDMI, VGA, BNC
Audio I/O	BNC
Alarm I/O	Screw Terminal
RS485	Screw Terminal
Network	RJ-45 10M/100M UTP
USB	USB 2.0 Type A 2 Ports
eSATA	1 Port
IR-Remote	Standard, Addressable
Voice Interface	BNC
Power Requirements	100-240VAC 50/60Hz
Power Consumption	40W Without HDD
Operating Temperature	-10°C - 55°C
Operating Humidity	10-90% RH Max
Dimensions	2U, 440mm x 460mm x 89mm