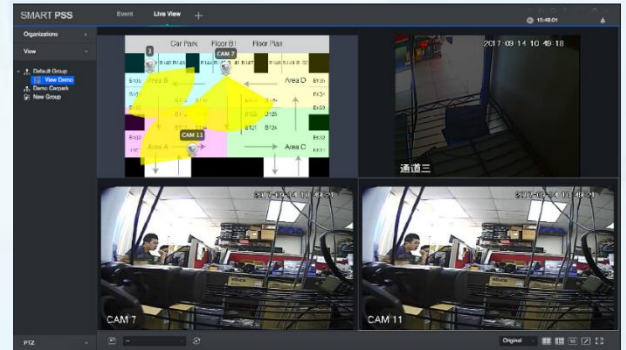
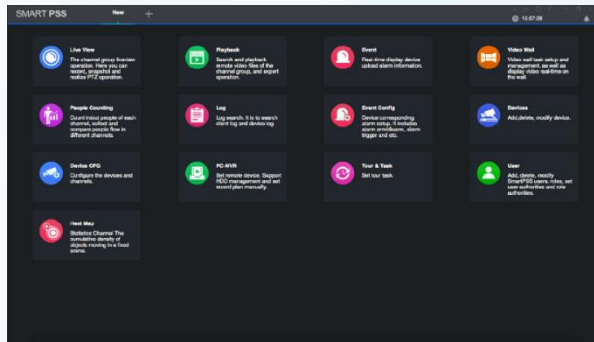


SC-1640HDW



Features

- Embedded processor
- H.264/H.265 dual-stream video compression
- Support HDCVI/AHD/TVI/CVBS/IP video inputs
- Max 6/12/24 channels IP camera inputs, each channel up to 5MP
- Max 96Mbps Incoming Bandwidth
- Smart Search and Intelligent Video System



Powerful central management software

Specifications

System

Model	Silvertech SC-1640HDW
Main Processor	Embedded processor
Operation System	Embedded LINUX

Display

Interface	1 HDMI, 1 VGA
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768
Multi-screen Display	4CH: 1/4/6 8CH: 1/4/8/9/16 16CH: 1/4/8/9/16/25
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording

Video Detection and Alarm

Trigger Events	Recording, PTZ, Tour, Alarm Out, Video Push, Email, FTP, Snapshot, Buzzer and Screen Tips
Video Detection	Motion Detection, MD Zones: 396 (22 × 18), Video Loss, Tampering and Diagnosis
Alarm input	8/16
Relay Output	3

Playback and Backup

Playback	4CH: 1/4 8CH: 1/4/9 16CH: 1/4/9/16
Search Mode	Time /Date, Alarm, MD and Exact Search (accurate to second)
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 Mode	USB Device/Network

Storage

Internal HDD	2 SATA Ports, up to 8TB capacity for each disk
eSATA	N/A

Auxiliary Interface

USB	4/8CH:2 USB Ports (2 USB 2.0) 16CH:2 USB Ports (1 USB 2.0, 1 USB 3.0)
RS232	N/A
RS485	1 Port, for PTZ Control

Third-party Support

Third-party Support	Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, Vivotek, and more
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Audio and Video

HDCVI Camera Input	4/8/16 Channel
IP Camera Input	4+2/8+4/16+8 Channel, each channel up to 5MP
Audio In/Out	4 Channel input, 1 Channel output, RCA
Two-way Talk	Reuse audio in (channel 1)/out, RCA

Recording

Compression	H.264/H.265
Resolution	1080P, 1080N, 720P, 960H, D1, HD1, BCIF, CIF, QCIF
Record Rate	Main stream: 1080P(1~15fps) 1080N/720P/960H/D1/HD1/BCIF/CIF/QCIF (1~25/30fps) Sub stream: D1/CIF/QCIF(1~15fps)
Bit Rate	1Kbps ~ 6144Kbps Per Channel
Record Mode	Manual, Schedule (Regular, Continuous), MD (Video detection: Motion Detection, Video Loss, Tampering), Alarm, Stop
Record Interval	1 ~ 60 min (default: 60 min), Pre-record: 1 ~ 30 sec, Post-record: 10 ~ 300 sec

Electrical

Power Supply	DC12V/4A
Power Consumption	<15W (Without HDD)

Environmental

Operating Conditions	-10°C ~ +55°C (+14°F ~ +131°F), 0~ 90% RH
Storage Conditions	-20°C ~ +70°C (-4°F ~ +158°F), 0~ 90% RH

Construction

Dimensions	1U, 375mm×287mm×53mm (14.8" x 11.3" x 2.1")
Net Weight	2.35kg (5.2lb) (without HDD)
Gross Weight	3.2kg (7.05lb)
Installation	Desktop installation

Certifications

Certifications	FCC: Part 15 Subpart B ICES 003 Issue 6 CE: EN 55032: 2012+AC 2013 (Class B) EN 55024: 2010 EN 61000-3-2: 2014 EN 50130-4: 2011 EN 61000-3-3: 2013 UL 60950-1 and CAN/CSA C22.2 No. 60950-1-07
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The performance specifications are nominal and conform to acceptable industry standards.