

## HUS-XACT032S-E-08 (v.4.3)

[www.asia.security.honeywell.com](http://www.asia.security.honeywell.com)

### An Easy-to-Install Solution for Mid-Scale IP Surveillance, Access Control, Intrusion

The HUS-XACT032S-E-08 is a high performance security integrated solution for medium-scale IP video, access control and intrusion applications. Its simple system architecture and easy-to-install features are designed to minimize the cost of investment, making the HUS-XACT032S-E-08 an effective IP surveillance solution to fulfill security requirements for today and tomorrow.

This easy-to-use IP solution is engineered with advanced IP technology and a user-friendly interface for efficient operation. Its compact and intelligent design combines video management server and storage into one single unit that saves costs on investment. Simply plug-and-play, and the HUS-XACT032S-E-08 can be installed in just a few steps that minimizes installation costs and time.

The HUS-XACT032S-E-08 supports 32-channel video recording and is suitable for full IP surveillance, analog to digital migration, hybrid systems (analog and IP), as well as integrated solution with video monitoring, video analytics, access control and intrusion functions.

Compatible with ONVIF1.0.1, 1.0.2 and Profile S, the HUS-XACT032S-E-08 supports some of the most commonly used formats of IP cameras – 1 to 5 Megapixels, 1080P, 720P and D1 cameras. As a centralized storage, the HUS-XACT032S-E-08 supports up to 5 clients simultaneously to browse 16 channels of real-time image.

The HUS-XACT032S-E-08 is also an ideal solution for video surveillance, access control and intrusion alarm integration. By integrating different functions into one single system, the HUS-XACT032S-E-08 manages up to 32 alarms or events, and to perform synchronous video when alarm is triggered. Other advanced features such as self-defined emergency response rules and accurate alarm location on e-Map also improve overall operation and management efficiency.

8 units of 3.5" enterprise hard disk (SAS/SATA) can be installed in each HUS-XACT032S-E-08 server. This intelligent NVR is also equipped with a standalone graphics card and local client to save not only installation time, but also device investments. HDMI / VGA port is assembled with the graphics card, and the local client supports 16-channel display @ D1 resolution at the same time.

For more advanced surveillance, HUS Video Analytics software package is an ideal option. Honeywell's suite of video analytics products enables enhanced security and surveillance solutions by automatically monitoring video for specific people, vehicles, objects and their associated behavior within a camera view. Honeywell HUS Video Analytics packages provide real time alarms based on user-defined rules to detect abnormal or suspicious behavior accurately without the need for human supervision.



Driving IP-based physical security through global standardization

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#### Market Opportunities

The IP surveillance market is growing with increased demand moving from analog to full digital video solution. HUS-XACT032S-E-08 is an efficient and powerful solution to address the needs of small- to medium-scale security management applications, including those for retail, banks, hospitals, enterprises, residential communities etc.

#### Benefits

##### Powerful and Easy Management

- All-in-One solution – data management, recording, events control, intrusion detection and storage management in one single device
- Powerful Windows 7 operating system
- Fast and effective event notification, validation and processing
- High profile H.264 to make the best use of network and storage resources
- Optimize network resources, multicast, unicast forwarding and dual-stream

##### Effective Emergency Response and Powerful Integration Capacity

- Multilayer E-map helps locate alarm scenes quickly
- Preprogramming to quick response to various emergencies
- Integration with VISTA series intrusion system providing proactive alarm event management
- Integration with WIN-PAK<sup>®</sup> access control management system

##### High Reliability

- Stable operation 24/7/365
- Hardware and software are qualified strictly by Honeywell

##### Simple Installation and Operation

- Installation and configurations can be done within an hour
- Built-in graphics card and local client to save installation time
- CCTV keyboard for full control of live view and PTZ
- Unified client operation interface for easy access

##### Flexible System Deployment

- Automatic discovery of IP devices, simplifying installation and commissioning work
- One click system configuration with default setting

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#### FEATURES

##### Video Management

- Support 32 channels video management, 5 clients
- Maximum 32 channels D1 or 720P or 1080P resolution image at real-time storage
- Supports 10 channels video forward and/or playback (D1 or 720P or 1080P resolution/full real time)
- H.264, MPEG4 and other audio/video codec
- Storage up to 8 enterprise hard disks
- Digital matrix switching seamlessly via IP keyboard or client
- Rapidly locate videos: playback, pause, cycle
- Flexible configuration of video switching, tour, video wall or workstation
- Windows 7 operating system
- Compatible with Honeywell IP cameras

##### Intelligent Video Analytics

- Video Analytics features can be applied with the HUS-XACT solution. Out of 32 channels of recording, 6 of the channels can perform Video Analytics features at D1 resolution, or, 4 of the channels at 720P/1080P.

##### Intrusion and Access Control System Integration

- Unified interface for easy configuration, video management, alarm and entrance guard system
- Integrate video, alarm and access control information for quick response and event handling

##### Event Management

- Events classified by types and security levels for easy searching
- Different security level event notifications can be easily identified with different colors

##### E-Map Location

- Accurate event allocation on the map with video verification
- BMP, JPEG, AutoCAD and GIS format map import

##### User Management

- Access to system resources – individually controlled per user or user group
- User privileges, designated time period and public access group management
- User access history including login, control, report

##### System Configuration and Maintenance

- Database maintenance with report, including fault, alarm, operation
- Continuous system monitoring and equipment condition; notification on abnormal conditions

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### Specifications

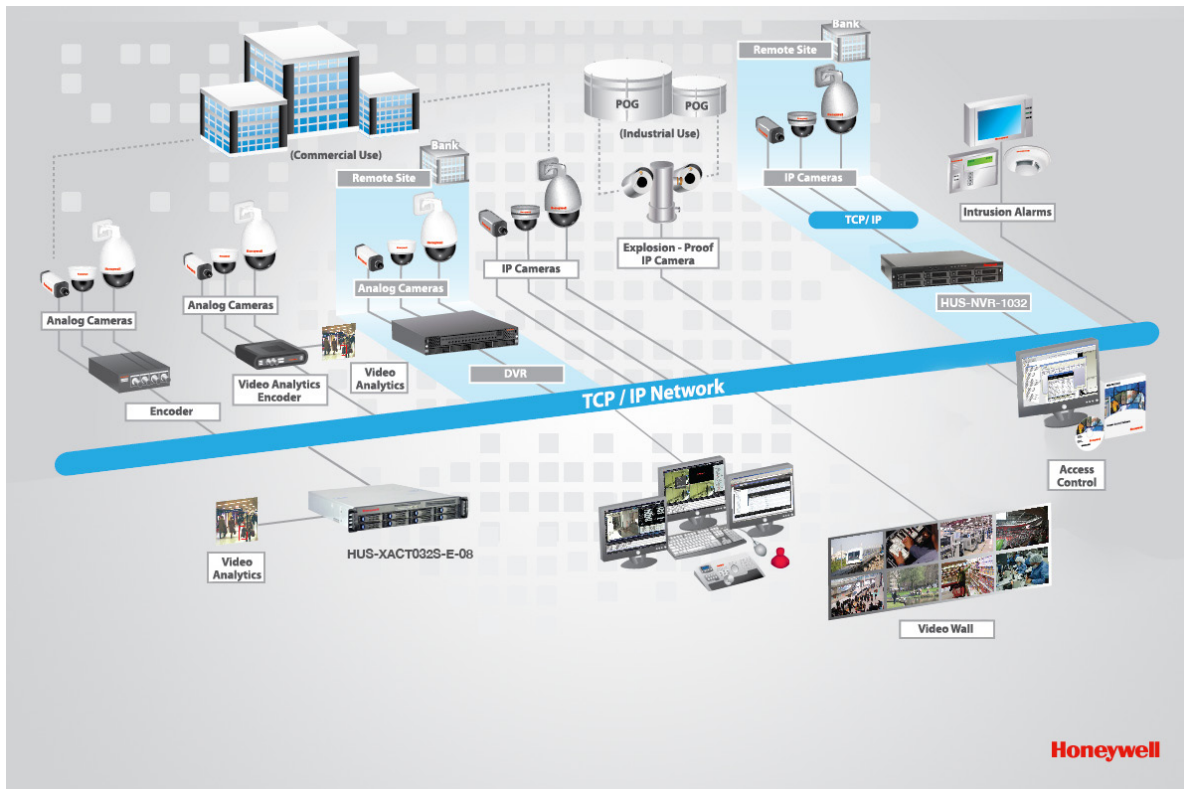
System	
System Access Points	32 video channels, 32 alarm defense zones, 32 card readers, 5 clients
System Throughput	340 Mbps bandwidth throughput capacity
Recommend configuration parameters (D1/25fps/2Mbps)	32-ch real-time recording video + 5-ch history video playback + 5-ch streaming video forward
Processor (CPU)	Intel E3-1230 3.2GHz, 64-bit, 4 Threads, 8 MB Cache
Memory	8 GB
Graphics Card	Integrated with the first 2048MB DDR3 memory and 64-bit memory interface
Hard Disk	Enterprise class hard disk 1TB, 3.5" 7200 RPM, SATA, 16 MB Cache
Network	2 x 1Gbps Ethernet RJ-45 Port
RAID controller	IBM M5015 (6Gb/s per port)
Operating System	Windows 7 Professional Edition 64-bit
Database	SQL Server 2008 Express
IOPS	140,000 (Input/Outputs Per Second)
Condition Monitoring	Fault/error/overload and alarm (including disk/RAID/power/fan/temperature/IO performance)
Hardware Redundancy	Power supply and fan module redundancy (2 x PFC)
Video Storage	
Video Input	IP mode access
Video Compression	H.264, MPEG4, MPEG2, MJPEG
Video Resolution	1080P / 720P / Megapixel / D1 / 4CIF / VGA / CIF
Video Frame Rate	At most 25 FPS (PAL) / 30 FPS (NTSC), support set variable code flow storage
Recording Mode	Time and events, alarm, manual trigger, continuous video
Recording Inquires	Date, device name and channel Numbers, alarm and event type, video trigger mode
Audio Codec	G.711
Storage Performance	
Hard Disk	HUS-HDD-3TB, HUS-HDD-2TB, HUS-HDD-1TB
Slot Number	8 x 3.5" enterprise hard disk (SAS/SATA)
Hard Disk Hot-Plug	Support
Expansion Interface	Mini SAS (12Gb/s)
RAID Level	RAID 0, 1, 5
RAID Management	Based on the Web browser mode, GUI configuration and management
RAID performance	RAID banding change Settings and RAID flash SAS/SATA hard disk mixed management mode Roll online flash and disk hot backup mechanism Disk medium detection and hard disk bad area isolation Data Snapshot copy function: Snapshot Different alarm information means: SNMP/Email
General	
Dimensions	483 (W) x 90 (H) x 700 (D) mm (2U)
Weight	15.6 kg (excluding HDD)
Power Input	100 - 240VAC, 50/60Hz
Power Consumption	2 x 500W
Operating Temperature	10°C - 35°C
Storage Temperature	-40°C - 65°C
Relative Humidity	8% - 90% non-condensing
Certification	CE

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### System Diagram



### ORDERING

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Video management system - 32 channels, local system independent operation. Support 32 video channels, 32 alarm defense zones (only support Vista host, another with IPM-Vista module), 32 card readers (only for WIN-PAK entrance grade, another with API interface), 5 clients. 340 Mbps bandwidth throughput capacity. 32 channels real-time recording video + 5 channels history video playback + 5 channels streaming video forwarding (D1 / 25fps / 2Mbps)

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**Honeywell Security Group**  
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