

HUSS-E2X / HUSS-E4X / HUSS-E8X

www.asia.security.honeywell.com

Digital Video Encoder

Honeywell HUSS-E2X / E4X / E8X are dual-core encoding, full D1 2- / 4- / 8-channel digital video encoders. Featuring full D1 real-time main stream and extra stream, these encoders deliver high definition image quality at low-latency.

Easy to use and operate, the HUSS series encoders allow viewing and storing videos simultaneously. Also feature dual core encoding, expandable storage capacity and simple OSD interface, the HUSS encoders are highly efficient with exceptional performance. H.264 compression format delivers outstanding picture qualities with optimized bandwidth which effectively saves storage space and reduces costs.

The HUSS series supports 2, 4 or 8 channel inputs. All HUSS encoders are equipped with two internal HDDs to ensure 24/7 surveillance and recording with no downtime.

Each HUSS encoder can be used in conjunction with HUS-D4 and/or HD-NDE series decoders to upgrade the existing analog system to a hybrid surveillance system. Functions available include live view remote control and PTZ control.

Market Opportunities

HUSS-E2X / E4X / E8X are ideal for upgrading the existing analog surveillance system to digital platform. It utilizes the initial security investments as it bridges analog cameras to IP surveillance platform. Featuring H.264 compression format, this encoder series is designed for applications in which high-definition videos and continuous surveillance are required. It is a professional encoder solution for applications in office buildings, hotels, hospitals, schools, factories, shopping malls, residential complexes, etc.

FEATURES

- H.264 dual-stream video compression
- Dual Core Encoding Full channel @ D1 (4CIF) real-time recording (main stream and extra stream)
- Dual-core CPU ensures powerful preview and network performance
- Up to 2 / 4 / 8 cameras with 1080P real-time preview
- HDMI / VGA / TV / Spot (BNC) synchronous video output
- All-channel simultaneous real-time playback, GRID interface and smart search
- Smart video detection: MD, camera blank, video loss
- Easy backup: USB devices, network download
- Alarm triggering screen tips, buzzer, PTZ, e-mail and FTP upload
- Support 2 SATA HDDs up to 6TB, 2 USB2.0
- Compatible with Honeywell Universal Surveillance (HUS) 4.0 platform



HUSS-E2X/HUSS-E4X



HUSS-E8X

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SPECIFICATIONS

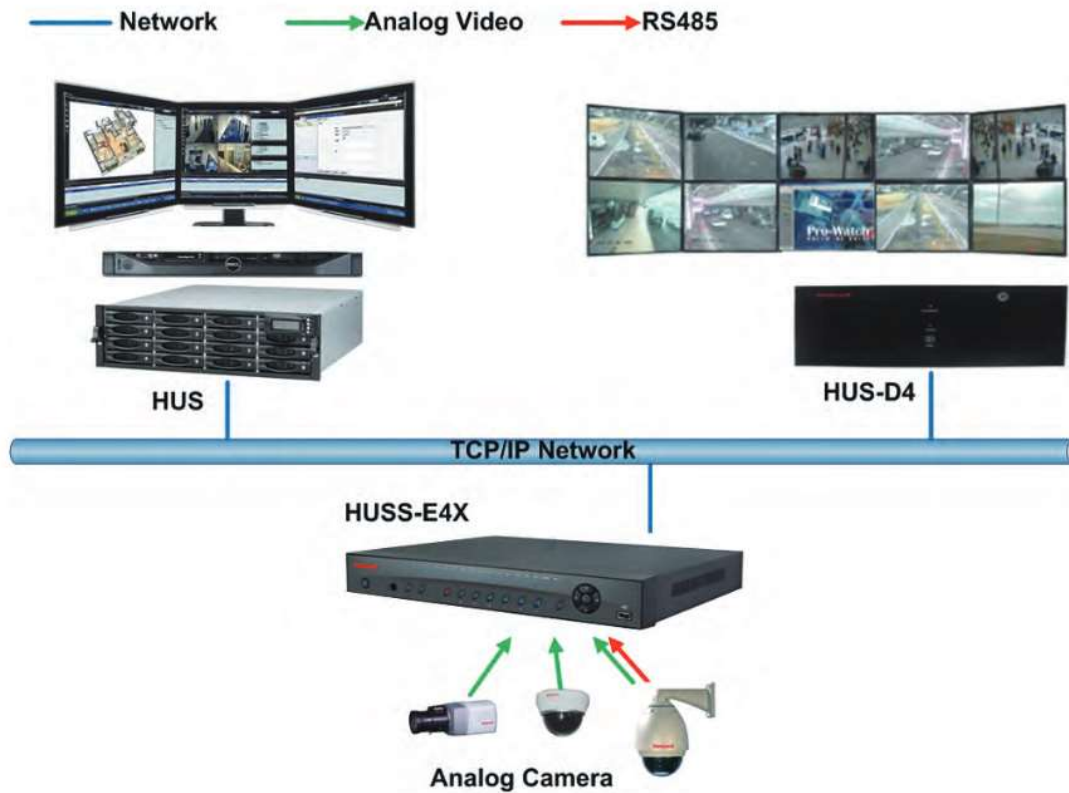
Model	HUSS-E2X	HUSS-E4X	HUSS-E8X
Operating System	Embedded LINUX		
Operation	Front panel, USB mouse, IR remote controller, Network		
Video Inputs	2-channel composite video 1.0Vp-p, 75Ω, BNC	4-channel composite video, 1.0Vp-p, 75Ω, BNC	8-channel composite video 1.0Vp-p, 75Ω, BNC
Video Outputs	1 composite video output 1.0Vp-p, 75 Ω BNC; 1 VGA; 1 HDMI; 1 spot video output		
Video Standard	PAL or NTSC		
Video Compression	H.264		
Video Recording	D1 / HD1 / 2CIF / CIF / QCIF, 25/30fps (real-time) Dual Encoding Stream		
OSD Resolutions	1920 x 1080, 1280 x 1024, 1280 x 720, 1024 x 768		
Multi-screen Channels	1, 2	1, 4	1, 4, 8 and 9
Image Quality	CBR, VBR (1-6 level adjustment, level 6 is the best)		
Privacy Masking	4 customized four-sided zones for privacy masking for each camera		
Camera Lock	Camera Lock by authorized users		
Audio Input	2 line in	4 line in	4 line in
Audio Output	1 line out		
Intercom	1 line in		
Audio Compression	G.711		
Motion Detection	Up to 396 (22 x 18) zones; Sensitivity: 1-6 level adjustment, level 6 is the best		
Video Loss and Blank	Yes		
Alarm Events	Recording, PTZ movement, Tour, Alarm, Email, FTP, Spot, Buzzer and Screen tips		
Alarm Input	4 inputs	8 inputs	16 inputs
Alarm Output	3 outputs		
Internal HDD	2 SATA hard disks, 6TB Storage supported		
Backup	Flash drive, USB HDD, USB CD-RW or DVD-RW, network		
HDD Management	Hard disk hibernation technology, HDD faulty alarm and raid (redundancy)		
Recording Mode	Manual, continuous, video alarm trigger (motion detection, video loss and blank) and alarm trigger		
Search Mode	Date/time, event (alarm, motion detection), exact search (accurate to second), smart search		
Playback	1 / 2 / 4 / all (forward / reverse, fast playback, slow playback, freeze, next file, previous file, next camera, previous camera, full screen, repeat, shuffle, backup selection)		
Digital Zoom	Any size		
Protocol Support	HTTP, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server		
Remote Control Function	Monitor, PTZ control, playback, configuration, download, log information		
PTZ Protocol	Pelco-D, Pelco-P, Scandome, KD6, etc.		
Network Interface	RJ-45 port (10/100M/1000M)		
USB Interface	2 USB ports, 1 for mouse control, 1 for backup		
Serial Interface	RS-232		
PTZ Control Interface	RS-485		

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Model	HUSS-E2X	HUSS-E4X	HUSS-E8X
Power Input	12V DC / 5A		
Power Consumption	15W (without HDD)		
Operating Temperature	-10°C ~ 55°C		
Relative Humidity	10% to 90%		
Dimensions	375 x 285 x 45mm		440 x 300 x 42mm
Weight	2.35kg (without HDD)		
Mounting	Desktop		Desktop or Rack
Platform Supported	Honeywell Universal Surveillance (HUS) 4.0.2 or above		
Certificate	CE, FCC, CCC		

SYSTEM DIAGRAM



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PACKAGE

Qty	Components
1	HUSS-E2X / HUSS-E4X / HUSS-E8X
1	USB Mouse
1	Network Cable
2	SATA Connection Cable
1	Power Adaptor
1	Remote controller
1	Power Cord (For English or others)
1	CD (User Manual)

ORDERING

HUSS-E2X	2-Channel Video/Audio Recording Encoder, 2ch 50/60fps @ D1 Resolution, Dual Core Encoding Full D1 stream, Support Simplified Chinese and English OSD, 2 SATA Hard Disk Ports, NTSC/PAL, 100 - 240VAC
HUSS-E4X	4-Channel Video/Audio Recording Encoder, 4ch 100/120fps @ D1 Resolution, Dual Core Encoding Full D1 stream, Support Simplified Chinese and English OSD, 2 SATA Hard Disk Ports, NTSC/PAL, 100 - 240VAC
HUSS-E8X	8-Channel Video/Audio Recording Encoder, 8ch 200/240fps @ D1 Resolution, Dual Core Encoding Full D1 stream, Support Simplified Chinese and English OSD, 2 SATA Hard Disk Ports, NTSC/PAL, 100 - 240VAC

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