Fusion Streamer

TECHNOLOGY IN ITS MOST CONCENTRATED FORM

The Fusion Streamer is a high performance (120 PPS) four channel MPEG-4 encoder that accepts analog video and audio signals and converts them into a digital packet based IP format. This IP format can be streamed to virtually anywhere in the world via an Internet, LAN or WAN connection. The system includes two methods of interfacing remotely with the streamer; Fusion Streamer Remote Software and Fusion Streamer Web Interface. The Fusion Streamer is also integrated with the Fusion DVR platform seamlessly extending the analog recording infrastructure into the IP domain. The Fusion Streamer is also compatible with Fusion HFVMS video management software providing a third way of remotely interfacing with the unit.

The combination of the Fusion Streamer and Fusion Streamer Remote Software (FSRS) can be utilized to create a standalone video security system. In this configuration any PC running FSRS would become the digital recorder for the system. Operators working from that PC would be able to configure the streamer remotely, monitor Live video, PTZ control and conduct local recorded video searches.

The Fusion Streamer is a complete video server solution in addition to four channels of analog video and audio the unit features; Alarm Inputs, Control Outputs, RS485 for PTZ control, TV-OUT for local composite monitoring and RJ45 LAN connection.

The Fusion Streamer's compact size and rack-mount kit make it ideal for installations in existing rack mount space. Combine two streamer units on the same rack for 8 channel streaming capability.
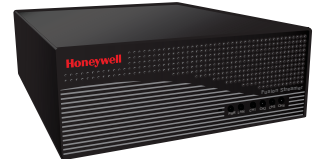
Market Opportunities

The Fusion Streamer bridges the gap between traditional cumbersome analog solutions and expensive high-end IP based alternatives. The powerful combination of Fusion Streamer and Fusion DVR presents a cost effective hybrid recording solution that is flexible, reliable and easy to expand.

Hardware Features:

- 4 Channel analog to IP encoding
- 4 Channel Looping Output
- 4 Channel Audio Input
- 4 Alarm Inputs
- 4 Control Outputs
- RS 485 PTZ Output
- 2 Way Audio Output
- RJ45 LAN Connection
- NTSC or PAL – dip switch selectable
- 128 MB – emergency recording
- TV-OUT – Quad View or Sequencing 120 PPS Real Time
- 120 PPS Real Time Display on Remote PC or Fusion DVR
- Rack Mount Kit Available – 2 Streamers fit on a single 2U rack

Software Features:

- Seamless Integration with Fusion DVR and HFVMS Software
- Fusion Streamer Remote Software - remote client recording application included
- Fusion Streamer Web Interface - embedded web server included
- PTZ Support (50 Protocols)
- Motion Detection
- MPEG-4 (real time display)
- Pre and Post Alarm Recording
- Remote Operation/Configuration
- Multiple Levels of Security Access
- Supports Dynamic IP's and Dynamic DNS Services
- Upgradeable over Network
- Embedded Linux OS

INTERNET VIEWING CAPABILITIES

The digital revolution takes the next step. Take your older analog cameras and attach them to the Honeywell Fusion Streamer and convert them to a digital signal. Take control and conveniently view your video over the Internet. The Honeywell Fusion Streamer is an IP based solution that can be easily connected to via the Internet. Using Microsoft® Internet Explorer you can view video, control Pan/Tilt/Zoom cameras all from a secure username and password protected connection.

FVMS INTEGRATION

Integrate your Fusion Streamer with the Fusion Video Management Software (FVMS) and have total control over your security needs. Integrating your Fusion Streamer through the FVMS software provides the ability to connect numerous Fusion Streamers together along with Fusion DVRs to monitor live video. Create custom maps and individualize each by placing cameras at any location on them. In addition, utilize multiple monitors to view video from hundreds of cameras simultaneously.
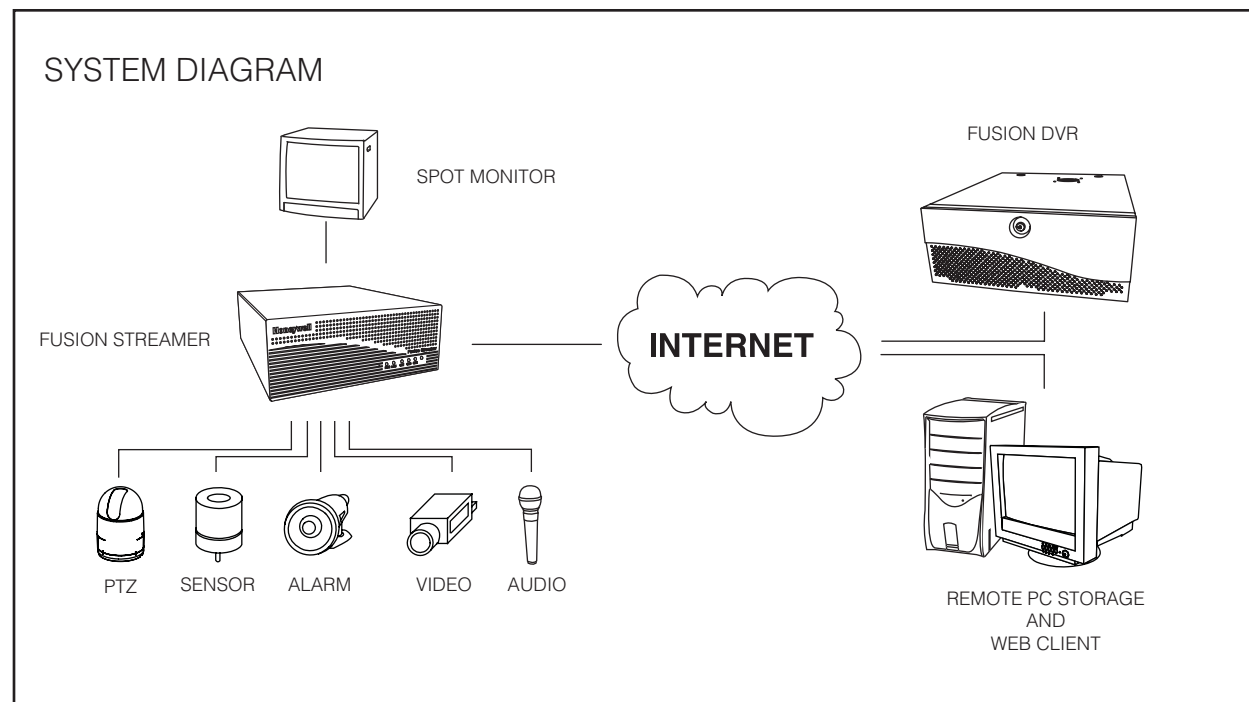
REMOTE SOFTWARE

The Fusion Streamer's powerful and user friendly Remote Software allows you to have total control over your Streamer unit from anywhere in the world. Configuration management is essential and the Streamers Remote software provides you all the tools necessary to completely administer your unit. Users can control recording resolutions, manage user accounts, control frame rates, upgrade software and much more.

The Fusion Streamer's Remote Software allows users to monitor live video, audio and alarms as well as the ability to record incoming video and audio streams. Powerful abilities such as scheduled recording and motion detection make the remote software a must have when you absolutely want to increase the productivity of your security infrastructure.
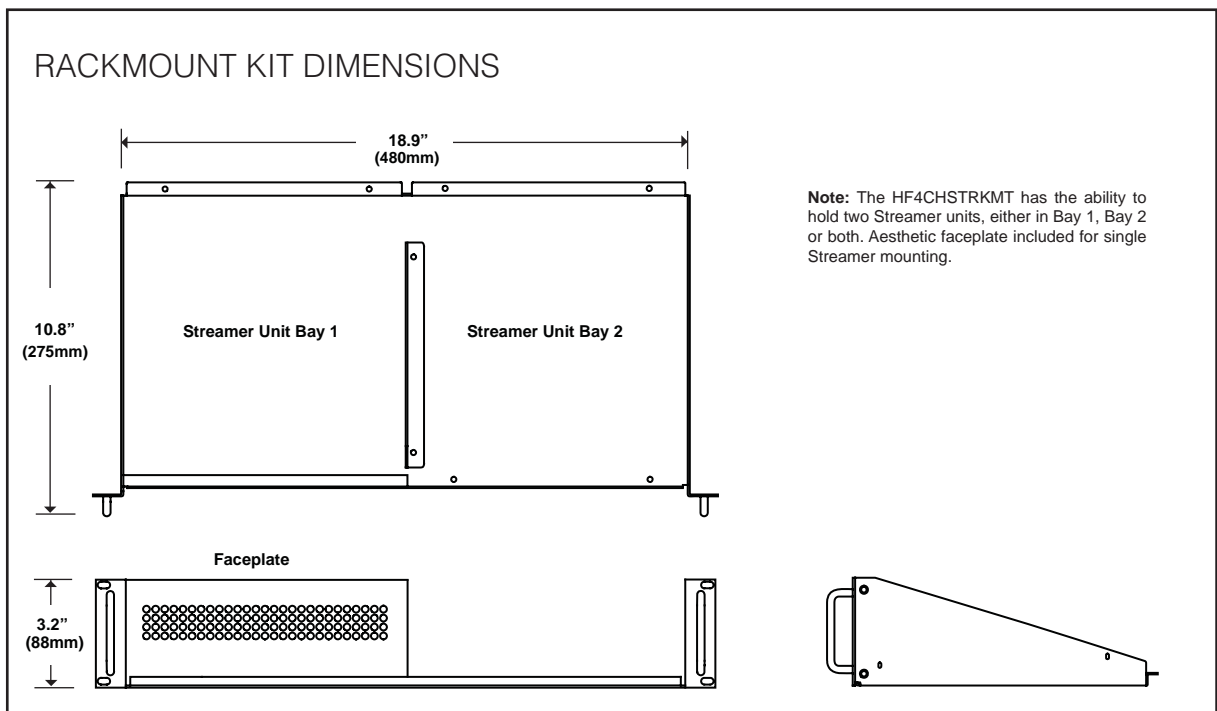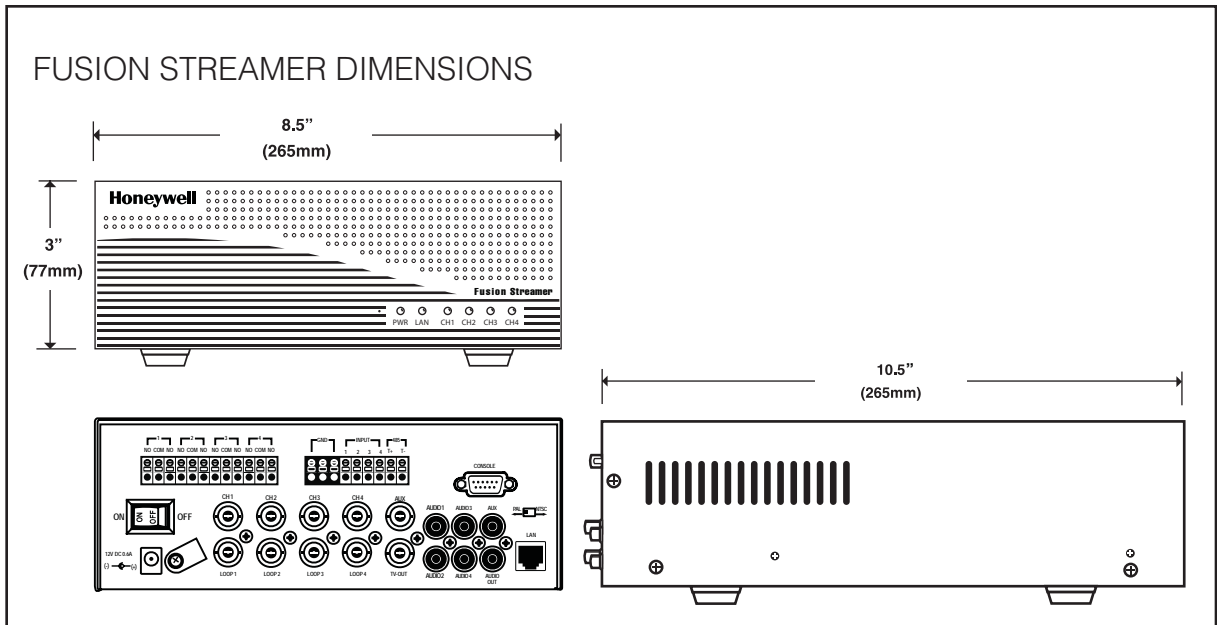
Remote viewing worldwide

SYSTEM DIAGRAM

SPOT MONITOR

FUSION DVR

FUSION STREAMER

INTERNET

PTZ   SENSOR   ALARM   VIDEO   AUDIO

REMOTE PC STORAGE
AND
WEB CLIENT

Video	
In:	4 Channels Composite Video, NTSC/PAL, 1V p-p, 75 Ohm auto termination, looping outputs
Out:	RJ-45
Audio	
In:	4
Out:	1
Data	
Compression:	MPEG-4
Recording	
Encoding:	120 PPS
Alarms	
	4 Inputs (NC, NO)
Output Control	
	4 Outputs (NC, NO, COM)
Unit Control	
	Fusion DVR / Remote Client / Web-Based Interface
Front Panel	
	Power LED, Network Status, Video Input Status
Rear Panel	
	Relay Outputs
	Sensor Inputs
	RS-485 PTZ
	DB-9 Serial Input for Upgrade / Recovery Operation
	PAL / NTSC Switch
	Power Switch
	RJ-45 Network Jack
	Two Way Audio Output
	Audio Input
	Spot Monitor TV Output
	BNC Looping Output
	12V DC Power Connector
Electrical	
	AC 110-220V Input, DC 12V 600Ma Adapter
Physical	
Dimensions:	10.5in x 8.5in x 3in (265mm x 265mm x 77mm)
Unit Weight:	5lbs (2.27kg)
Shipping Weight:	9lbs (4.08kg)
Environment	
Operating Temperature:	0ºC ~ 40ºC Ambient Temperature
Humidity:	20 ~ 80%, Atmospheric Humidity
Non-Operating Temperature:	-10ºC ~ +60ºC (Storage)
Certifications	
	UL Certified, CE Certified

Fusion Streamer

www.honeywellvideo.com

FUSION STREAMER DIMENSIONS

8.5"
(265mm)

3"
(77mm)

10.5"
(265mm)

RACKMOUNT KIT DIMENSIONS

18.9"
(480mm)

10.8"
(275mm)

Streamer Unit Bay 1

Streamer Unit Bay 2

Note: The HF4CHSTRKMT has the ability to hold two Streamer units, either in Bay 1, Bay 2 or both. Aesthetic faceplate included for single Streamer mounting.

Faceplate

3.2"
(88mm)

Ordering	
HF4CHSTRM	4 Channel Fusion Streamer NTSC
HF4CHSTRMX	4 Channel Fusion Streamer PAL
HF4CHSTRKMT	Rack Mount, 4 Channel Fusion Streamer
HF4CHSTPS	Replacement Power Supply, Fusion Streamer, NTSC
HF4CHSTPSX	Replacement Power Supply, Fusion Streamer, PAL

Honeywell