

Overview

Hornet is a live H.264 video streaming and recording appliance. It is ideal for continuous streaming, event broadcasts, and for instant recording. It can also be used as a decoder.

Industry Standard

Live video is converted in real time to industry standard H.264 with AAC audio, which is compatible with virtually all modern players, servers, and devices. Hornet allows you to stream live video to systems that support Flash player, HTML5/DASH, and HLS, so you can view on desktops, iPhone, iPad, Android, Smart TV's, and similar devices.

Excellent HD Quality

Stream and record live video at rates as low as 250 Kbps and at rates up to 20 Mbps. Great audio/video quality, rivaling encoders costing more than twice the price.

Automatic Configurations

When used with a Discover Video system solution, Hornet configuration and control is fully automatic. This exclusive feature allows you to use the appliance on a private networks, fully inside a firewall, and configure/control it from the system.

Streaming Protocols

Hornet supports the most important industry standard streaming protocols, including RTMP, RTSP, and Transport Stream over UDP (Unicast). Streaming is fully compatible with Discover Video system solutions, and with 3rd party CDNs.

Recording

Insert your own memory into the USB port and record video up to the capacity of your device. Hornet can automatically transfer your recording to a server and optionally delete the recording after transfer.

Encoder / Decoder

H.264 video with AAC-LC

Quality

Up to High Definition Video

1080p @ 60 fps

Automatic

Plug and Play simplicity. Connects to DEVOS or Arcus Systems

Benefits

HDMI input

HDMI output

Stream and Record

Low Power

Fan-less, quiet operation

Video Trunking

Deliver high quality video / audio across internal IP networks

Network/Management

Built-in web management portal.

Specifications

General

- +12V Input; under 15 Watts total
- Dimensions 1.75" x 6.54" x 6.2"
- Action button to start/stop encoding and for Factory Reset

Streaming Capabilities

- Unicast and Multicast
- RTMP push, RTP over UDP, Raw UDP
- Up to 2x Unicast and 1x Multicast simultaneous channel output.
- DHCP (Default) / Static IP Address

Input Resolutions

- 1080p60, p60 conv. to p30, p59.94 conv. to p29.97, p30, p29.97, p25, i60, i59.94, i50; 720p60, p59.94, p50

Output Resolutions

- 1080p60, p59.94, p50, p30, p29.97, p24, p23.98, i60, i59.9, i50, ; 720p60, p59.94, p50; 576p50, i50; 480p59.94, i59.94
- Compression H.264, Baseline, Main, High Profile
- Bit rates 250kbps- 20Mbps; Rate control VBR, CBR

Audio Encoding

- MPEG-4 AAC-LC in ADTS 64-320kbps; Decode: MPEG-1 Layer 2, MPEG-2/ MPEG 4 AAC in ADTS/LOAS
- Encoder sampling Freq: 32, 44.1, 48KHz; Decode: 48 KHz



Companion Products

DEVOS

Arcus

StreamPump®

Streaming Services

Mantis

Signstick®

Applications

- IP Encoder for Streaming Events
- Lecture Capture Encoder
- Digital Signage Appliance
- Point to point trunking

Input / Output

- Video: HDMI v1.4a input and output
- USB 2.0 connector
- Audio embedded in HDMI
- 10/100/1000 Ethernet (RJ-45)

For more information visit us on the Web at:

www.Discovervideo.com

Specifications subject to change without notice. Contact Discover Video for latest information.

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