

ANT-7000 KVM + Ultra Low Latency (30mS) HD 1080P60 H.264 Video Encoder & Decoder, Transmitter & Receiver Pair

Product Code: ANT-7000

Key Features

- 1920 x 1080 P60 Max Resolution,
- Ultra Low Latency (30ms) glass to glass
- KVM Function -Decoder + Keyboard Mouse controls PC connected to Encoder
- H.264 Video Encoder & Decoder Pair (Transmitter & Receiver)
- HDMI Loop + USB Output(Encoder) & HDMI Video Out + 4 x USB Hosts (Decoder) for KVM control
- RTP/UDP/IP

Product Overview

The ANT-7000 is an Encoder + Decoder pair for streaming ultra low latency 1080P60 HDMI video in typically 30mS at typically 12MBits/sec over IP. The products can be used as general purpose Ultra Low Latency HDMI encoders and Decoders to send HDMI over any 10/100/1000 Ethernet LAN in 30mS . Alternatively the units also feature USB inputs and Outputs which can send Keyboard and Mouse signals from the decoder to the encoder and on to the remote PC. This allows the decoder to effectively control the remote PCs Keyboard and Mouse (see diagram).

The Encoder supports HDMI input / output connections allowing the remotely located PCs monitor to be looped through the encoder. A USB port connects to the remotely located PC and mimics a keyboard and mouse.

The Decoder outputs HDMI video which is connected to a monitor and displayed. Locally 4 x USB 2.0 ports allow connection to a keyboard and Mouse. Two-way RS232 ports are supported for other remote control applications

Streaming formats supported are RTP/UDP/IP and http web interface for setup.

The encoder & decoder can be powered via 12V DC or PoE and consume typically 5W each

Audio is supported with embedded audio via HDMI.

Supports DTV, VESA & 3D video resolution standards

Key applications for this product include remote KVM requirements and Low latency video over IP e.g

Remote server room KVM control & Live Video Broadcast to Big Screens (Live Events).

Please note to achieve the low latency and KVM features these products are designed to be used as a pair. For separate encoder and decoder enquiries please contact sales@antrica.com

A few of the applications are:

- ✓ Encode a broadcast camera for low latency decoding on screen
- ✓ Encode a live event – where latency need to be low to avoid audio delay and lag
- ✓ Digital Signage

This product is not limited to the markets and applications described.
Please download or full application catalogue [here](#).

