

# TruVision® H.264/H.265 IP Video Decoder



## OVERVIEW

The TruVision H.264/H.265 IP Video Decoder from Interlogix is the ideal solution to convert compressed IP video streams to analog video output for optimal video surveillance. Based on an advanced DSP and stable-embedded system design, the TruVision H.264/H.265 IP Video Decoder provides up to 12MPx resolution decoding functionality for live-view streams from TruVision IP cameras, DVRs and NVRs, as well as RTSP streams and ONVIF® cameras.

This decoder can decode two 12MP, four 8MP, six 5MP, ten 3MP or sixteen 1080p resolution images while transmitting over multiple output interfaces. The decoder can also decode multiple streams from a TruVision 360° degree camera. Up to 64 discrete IP streams can be displayed using the decoder's sequencing function.

### Remote Video Display

The TruVision H.264/H.265 IP Video Decoder can be used as a standalone device to display video at remote locations by simply connecting it to the network to decode IP streams and display them on the video output(s) with no PC required.

When used along with TruVision Navigator, outputs can be used individually or together to form a video wall. Operators can easily use drag and drop to set up remote scenes and easily switch between scenes with one click.

## STANDARD FEATURES

### Decoding Capabilities

- Powerful real-time decoding
- Multi-channel decoder
- Supports H.264 and H.265 compression

### Monitor & Display

- Up to 12MPx resolution input
- Supports up to 16 channel views
- Sequence up to 64 cameras
- Three video outputs (HDMI, VGA, BNC)
- Outputs can be used individually or together to form a small video wall for use with TruVision Navigator

### Compatibility

- Decodes TruVision IP cameras
- Decodes TruVision encoders
- Decodes TruVision recorders
- Supports RTSP streams
- Supports ONVIF cameras
- Easily discover and update the decoder's firmware with TruVision Device Manager

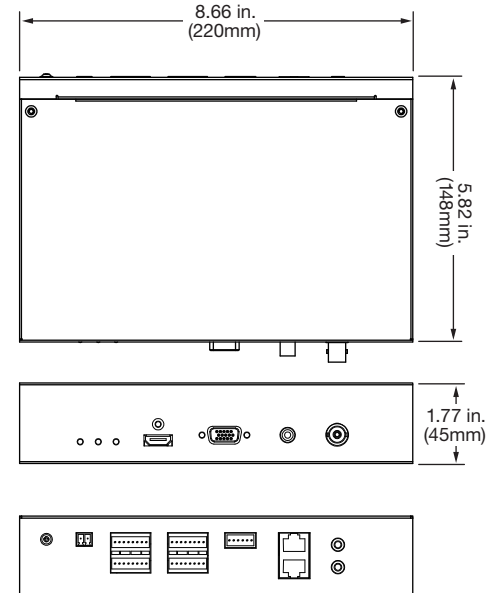
# TruVision® H.264/H.265 IP Video Decoder



## Specifications

| Model                              | TVE-DEC12                   |  |
|------------------------------------|-----------------------------|--|
| <b>Video/Audio Output</b>          | BNC Output                  | 1-channel BNC output   |
|                                    | VGA Output                  | 1-channel VGA output<br><b>Resolution:</b><br>1080p: 1920 x 1080 @ 50/60Hz<br>WSXGA: 1680 x 1050 @ 60Hz<br>SXGA: 1280 x 1024 @ 60Hz<br>720p: 1280 x 720 @ 50/60Hz<br>XGA: 1024 x 768 @ 60Hz  |
|                                    | HDMI Output                 | 1-channel HDMI output<br><b>Resolution:</b><br>4K: 3840 x 2160 @ 30Hz<br>1080p: 1920 x 1080 @ 50/60Hz<br>WSXGA: 1680 x 1050 @ 60Hz<br>UXGA: 1600 x 1200 @ 60Hz<br>720p: 1280 x 720 @ 50/60Hz<br>SXGA: 1280 x 1024 @ 60Hz<br>XGA: 1024 x 768 @ 60Hz |
|                                    | HDMI Version                | 1.4  |
|                                    | Audio Output                | 1-channel, RCA   |
| <b>Video/Audio Decoding</b>        | IP Video Input              | H.264 / H.265  |
|                                    | Video Decoding Channels     | 12MP @ 20fps: 2-ch<br>8MP @ 30fps: 4-ch<br>5MP @ 30fps: 6-ch<br>3MP @ 30fps: 10-ch<br>1080p @ 30fps: 16-ch   |
|                                    | Multi-division Display Mode | Full screen, 1x2, 2x2, 1+5, 1+7, 3x3, 3x4, 4x4   |
|                                    | Frame Rate                  | 30 fps (NTSC) / 25 fps (PAL)   |
|                                    | Total Incoming Bandwidth    | 64Mbps   |
|                                    | Audio Compression           | G.722 / G.711A / G.726 / G.711U /<br>MPEG2-L2 / ACC  |
|                                    | <b>External Interface</b>   | Network Interface  |
|                                    | Serial Interface            | 1 RS-485 and 1 RS-232 port   |
|                                    | Bi-directional Audio Input  | 2-ch, 3.5mm connector (2.0 Vp-p, 1 kΩ)   |
| <b>Electrical &amp; Mechanical</b> | Voltage                     | 12VDC  |
|                                    | Current                     | 3.33 A   |
|                                    | Consumption                 | 15W  |
|                                    | Operating Temperature       | 14 ~131°F (-10 ~+55°C)   |
|                                    | Operating Humidity          | 10~90%   |
|                                    | Dimensions (W x H x D)      | 8.7 x 5.82 x 1.8 in. (220 x 148 x 45mm)  |
|                                    | Weight                      | 2.65 lbs. (1.2 kg)   |
| <b>Regulation</b>                  | Compliance                  | FCC, CE, UL, C-Tick, REACH, RoHS, WEEE   |

## Dimensional Diagram



## Ordering Information

|           |   |
|-----------|---|
| TVE-DEC12 | TruVision® H.264/H.265 IP Video Decoder |
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interlogix.com.au

Specifications subject to change without notice.

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