

TVE-DEC11 H.264 IP Decoder A&E Specifications



# The TVE-DEC11 IP Video Decoder shall decode two 5MPx resolution or four 1080P or eight 720P or sixteen 4CIF resolution and transmit images over multiple video output interfaces.

# TVE-DEC11 shall be as manufactured by Interlogix.

# The TVE-DEC11 shall support Interlogix TruVision series network camera, network PTZ camera, and IP Encoder. Please check the Interlogix web site for the latest compatible device list.

# TVE-DEC11 shall include, but not be limited to the following:

## TVE-DEC11 shall provide digital connection for the purpose of allowing users to decode IP video stream from Interlogix TruVision IP cameras and encoders.

### TVE-DEC11 shall provide multiple outputs for decoded video stream display.

## TVE-DEC11 shall provide audio output for decoded audio stream.

## TVE-DEC11 shall decode video with a frame rate of 30 frames per second @ NTSC or 25 frames per second @ PAL.

## TVE-DEC11 shall be user configured via Ethernet with a personal computer running included, a current version of the Internet Explorer web browser, Firefox, Chrome and Safari.

### TVE-DEC11 shall have an integrated web browser interface to operate, configure, manage, and view the following information:

#### Configures decoding resource, decoding mode and video output

#### Configures device settings, network parameters, alarm and user account

#### Configure system settings and view the system information

### Access to menus shall be set by user account privileges.

#### New added user can be granted access to configure, reboot, upgrade, view status and transparent channel.

#### Admin status shall grant access to all menus, and it can add, delete or configure parameters for all decoder functions. There can only be one administrator.

### Configurable options shall include:

#### Decode Mode

##### Dynamic Decoding

##### Sequence Decoding

##### Remote Playback

##### Display Settings

#### Decode Control

##### Channel Enable/Disable

##### Picture Overlay

#### Decoding Status

##### Connection Status

##### Decoding Channel Status

##### Display Channel

#### Transparent Channel

#### Device Properties

#### Time Settings

#### Network Settings

##### Basic Network Settings

##### DDNS

##### Telnet

#### Alarms

##### Alarm Inputs/Outputs

###### Alarm Inputs Settings

###### Alarm Outputs Settings

#### Serial Port Parameters

##### RS-232 Settings

##### RS-485 Settings

#### Arm Timing

#### User Management

##### Add

##### Delete

##### Modify

#### Config file Import/Export

#### Upgrade

#### Reboot

#### Restore

## TVE-DEC11 shall have three LED to indicate status.

### PWR: The power LED

### LINK: Network connection LED

### RX/TX: Data transmitting/receiving status LED

## TVE-DEC11 shall provide RS-232 and RS-485 port.

# The TVE-DEC11 decoder shall have the following operational features:

## Decoding

### TVE-DEC11 shall decode video from multiple IP video sources. Multiple video source options shall be available:

#### Supports compression H.264 and MPEG4 codec

#### Supports PS, RTP and proprietary encapsulation formats

#### Compatible with Interlogix TruVision IP cameras and TruVision encoders. Please check the Interlogix web site for the latest compatible device list.

#### Supports PSIA communication

### TVE-DEC11 shall support multiple frame rates up to 30/25 fps

### The user shall be able to playback images smoothly at normal or fast speeds in forward mode, without distortion.

#### TVE-DEC11 shall include a Playback Interface feature that allows the user to play the video from a remote host, such as a TruVision NVR.

##### Playback by Filename

##### Playback by Time

#### TVE-DEC11 shall use H.264 or MPEG-4 video compression to decode video stream.

##### Decoding resolution range from 5MPx, 1080P, 720P to 4CIF.

## Connections

### TVE-DEC11 shall include the following connectors:

#### Accessory I/O ports

##### RS-485

##### Alarm input (4)

##### Alarm Output (4)

##### RS-232

#### Video out: BNC (1), VGA (1), HDMI(1)

#### Audio out: RCA (1)

#### 10/100/1000 Ethernet: RJ-45

### Ethernet communications

#### TVE-DEC11 shall support LAN/WAN Ethernet access.

#### TVE-DEC11 shall support 10/100/1000 Base T networks.

# TVE-DEC11 shall have the following additional specifications:

## Electrical

### Power supply: 12 VDC

## Environmental

### Operating temperature range: -10 to +55 °C (14 to 131 °F)

### Operating humidity: 10% to 90%

## Physical

### Dimensions: 220 × 180 × 45 mm

### Weight: 1.12 kg

# TVE-DEC11 shall conform to these internationally recognized compliance standards:

## FCC

## CE

## UL

## C-Tick

## RoHS

## REACH

## WEEE

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See specific country listings at:

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