

TVC-N225E-2M-N(-P) H.264 IP Bullet Camera A&E Specifications



# The TVC-N225E-2M-N(-P) IP bullet camera shall capture, encode and transmit video over a network.

# TVC-N225E-2M-N(-P) shall be as manufactured by Interlogix.

# The TVC-N225E-2M-N(-P) shall support the encoding of all images with a digital watermark. The verification of watermarked images shall reside solely with Interlogix.

# TVC-N225E-2M-N(-P) shall include, but not be limited to the following:

## TVC-N225E-2M-N(-P) shall provide network connections for the purpose of allowing users to integrate it with network storage products.

### TVC-N225E-2M-N(-P) shall provide 1/4” Progressive Scan CMOS sensor.

### TVC-N225E-2M-N(-P) shall provide digital encoded video streams.

## TVC-N225E-2M-N(-P) shall support PoE power supply.

## TVC-N225E-2M-N(-P) shall provide IR Cut filter.

## TVC-N225E-2M-N(-P) shall provide infrared LED.

## TVC-N225E-2M-N(-P) shall provide 2.8 – 12 mm @ F1.2 Motorized lens with zoom function.

## TVC-N225E-2M-N(-P) shall provide dual streams.

## TVC-N225E-2M-N(-P) shall incorporate Triplex functionality for simultaneous viewing, recording on SD card and playback. (By web browser).

## TVC-N225E-2M-N(-P) shall include search capabilities by a web browser:

### Time

### Date

## TVC-N225E-2M-N(-P) shall provide a frame rate of 30 frames per second @ 60Hz (25 frames per second @ 50Hz).

## TVC-N225E-2M-N(-P) shall be user configured via Ethernet with a personal computer running included, and a current version of the Internet Explorer web browser.

### TVC-N225E-2M-N(-P) shall have an integrated web client interface to configure, upgrade, and view the following information:

#### View live and recorded video

#### View logs of system

#### Configure system settings, which include network settings, and network HDD settings

#### Configure camera settings and user settings

#### View the system information

### Access to menus shall be set by user status.

#### Operator status shall grant access to change the configuration of his/her own account, and cannot create or delete other users.

#### Viewer status shall grant access to live view, record and playback modes as well as take snapshots, but neither change configuration settings nor search the logs for events.

#### Admin status shall grant access to all menus.

### Configurable options shall include:

#### Search

##### Date

##### Time

#### Archive

#### Display

##### Time/Date

##### Playback Time/Date

##### Camera Titles

##### Text Insertion

#### Users

##### Add User

##### Edit User

#### Cameras

##### Resolution, frame rate and bit rate

##### Motion detection

##### Camera Title and Date/Time

##### Record schedule

#### Image

##### Brightness

##### Video saturation

##### Sharpness

##### Shutter Speed

##### Iris mode

##### Power mode

##### IR mode

##### Day/Night

##### IR cut delay

##### Image flip

##### White balance

#### Alarms

##### System Notification

###### HDD Error

###### HDD Full

###### Network Address Disconnected

###### IP conflicted

###### Illegal Login

#### IP Settings

##### Basic Settings

##### PPPoE

##### DDNS

##### Email

##### Net HDD

# The IP bullet camera shall have the following operational features:

## Streaming

### Each TVC-N225E-2M-N(-P) shall support Video Streaming, which is the process that the recorder uses to listen on a specific UDP/TCP port and respond to control messages issued through web client software or third-party compatible VMS software.

#### TVC-N225E-2M-N(-P) shall support multicasting to deliver source traffic to multiple receivers using the least amount of network bandwidth.

### TVC-N225E-2M-N(-P) shall be able to display and record streamed video using TCP or UDP protocols.

### TVC-N225E-2M-N(-P) shall support PSIA and ONVIF protocols.

## Recording

### TVC-N225E-2M-N(-P) shall record video on multiple network hard drives. Two network hard disk drive options shall be available: NAS

### TVC-N225E-2M-N(-P) shall support the following user programmable record speeds:

#### 30/25 fps

#### 22 fps

#### 16 fps

#### 12 fps

#### 8 fps

#### 6 fps

#### 4 fps

#### 2 fps

#### 1 fps

### TVC-N225E-2M-N(-P) shall support the following bit rate:32 kbps to 8Mbps

### TVC-N225E-2M-N(-P) shall allow the user to select whether the network hard disk recording should automatically overwrite data and how using one of two settings:

#### No overwrite

#### Continuous overwrite

### TVC-N225E-2M-N(-P) shall be able to continue recording without disruption when the user adjusts the normal record speed.

### The user shall be able to play back videos smoothly at normal or fast speeds and in forward mode, without distortion.

### TVC-N225E-2M-N(-P) shall include a Search Interface feature that allows the user to search the network hard disk for recorded videos.

### TVC-N225E-2M-N(-P) shall use H264 video compression to achieve extremely high video compression per megabyte on the hard disk.

#### Resolution shall be 640×480.

## Connections

### TVC-N225E-2M-N(-P) shall include the following connectors:

#### 1, RJ45 10 M / 100 M adaptive Ethernet port

## Ethernet communications

### TVC-N225E-2M-N(-P) shall support LAN/WAN Ethernet access.

### TVC-N225E-2M-N(-P) shall support 10/100 Base T networks.

### TVC-N225E-2M-N(-P) shall support Dynamic IP Addressing (DHCP).

### TVC-N225E-2M-N(-P) shall support Dynamic Domain Name Server (DDNS).

# TVC-N225E-2M-N(-P) shall have the following additional specifications:

## Electrical

### Power supply: 12 VDC, PoE (IEEE 802.3af)

## Environmental

### Operating temperature range: -10 to +60 °C (14 to 140 °F)

### IP 66

## Physical

### Dimensions: 98 × 88.6 × 328.8 mm (3.86” ×3.49” × 12.94”)

### Weight: 1700 g (3.75 lbs)

# TVC-N225E-2M-N(-P) shall conform to these internationally recognized compliance standards:

## FCC

## CE

## UL

## C-Tick

Contacting Support

North America:

855-286-8889

techsupport@interlogix.com

Latin America:

561-998-6114

latam@interlogix.com

Web site:

[www.interlogix.com/customer-support](http://www.interlogix.com/customer-support)

EMEA:

See specific country listings at:

[www.utcfssecurityproducts.eu/support](http://www.utcfssecurityproducts.eu/support)