

TruVision 20X 2MPx IP PTZ Camera A&E Specifications



# The TruVision 20X 2MPx IP PTZ camera shall capture, encode and transmit video over a network.

# The TruVision 20X 2MPx IP PTZ camera shall be as manufactured by Interlogix.

# The TruVision 20X 2MPx IP PTZ camera shall support the encoding of all images with a digital watermark. The verification of watermarked images shall reside solely with the manufacturer.

# The TruVision 20X 2MPx IP PTZ camera shall include, but not be limited to the following:

## The TruVision 20X 2MPx IP PTZ shall provide network connections for the purpose of allowing users to integrate it with network storage products.

### The TruVision 20X 2MPx IP PTZ camera shall provide 1/3” Progressive Scan CMOS sensor.

### The TruVision 20X 2MPx IP PTZ camera shall provide digital encoded video stream.

## The TruVision 20X 2MPx IP PTZ camera shall support PoE+(802.3at) power supply.

## The TruVision 20X 2MPx IP PTZ camera shall provide IR Cut filter.

## The TruVision 20X 2MPx IP PTZ camera shall provide 4.7-94 mm @ F1.6 -3.5 lens.

## The TruVision 20X 2MPx IP PTZ camera shall provide noise reduction function.

## The TruVision 20X 2MPx IP PTZ camera shall provide DWDR function.

## The TruVision 20X 2MPx IP PTZ camera shall provide dual streams.

## The TruVision 20X 2MPx IP PTZ camera shall incorporate Triplex functionality for simultaneous viewing, playback and recording (By web browser).

## The TruVision 20X 2MPx IP PTZ camera shall include search capabilities by web browser:

### Time

### Date

## The TruVision 20X 2MPx IP PTZ camera shall provide a frame rate of 30 frames per second @ 60Hz (25 frames per second @ 50Hz) at the resolution of 1920×1080.

## The TruVision 20X 2MPx IP PTZ camera shall be user configured via Ethernet with a personal computer running included, and a current version of the Internet Explorer web browser.

### The TruVision 20X 2MPx IP PTZ camera 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, playback modes as well as log search.

#### 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

##### Contrast

##### Saturation

##### Limit Gain

##### Sharpness

##### Focus Mode

##### Minimum Focusing

##### Video Standard

##### Day/Night Switch

##### Sensitivity

##### Mirror

##### DWDR

##### Lens Initialization

##### BLC

##### White Balance

##### Digital Noise Reduction

##### Zoom Limit

##### Chroma Suppress

##### Local Output

#### Alarms

##### System Notification

###### HDD Error

###### HDD Full

###### Network Disconnected

###### IP Address conflicted

###### Illegal Login

#### PTZ Settings

##### Basic settings

##### Limit

##### Initial Position

##### Park Action

##### Privacy Mask

##### Scheduled Tasks

##### Clear Config

##### Intelligent Tracking

#### IP Settings

##### Basic Settings

##### DDNS

##### PPPoE

##### SNMP

##### 802.1X

##### QoS

##### FTP

##### UPnP

##### Email

##### Net HDD

# The TruVision 20X 2MPx IP PTZ camera shall have the following operational features:

## Streaming

### Each TruVision 20X 2MPx IP PTZ camera 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.

#### The TruVision 20X 2MPx IP PTZ shall support multicasting to deliver source traffic to multiple receivers using the least amount of network bandwidth.

##### The TruVision 20X 2MPx IP PTZ shall be able to display and record streamed video using TCP or UDP protocols.

##### The TruVision 20X 2MPx IP PTZ shall support PSIA and ONVIF protocols.

## Recording

### The TruVision 20X 2MPx IP PTZ shall record video on multiple hard drives. Two hard disk drive options shall be available: NAS and SD card.

### The TruVision 20X 2MPx IP PTZ shall support the following user programmable record speeds:

#### 30/25 fps

#### 22 fps

#### 20 fps

#### 18 fps

#### 16 fps

#### 15 fps

#### 12 fps

#### 10 fps

#### 8 fps

#### 6 fps

#### 4 fps

#### 2 fps

#### 1 fps

#### 1/2 fps

#### 1/4 fps

#### 1/8 fps

#### 1/16 fps

### The TruVision 20X 2MPx IP PTZ shall support the following bit rate:

### 128 kbps to 16 Mbps, or user-defined

### The TruVision 20X 2MPx IP PTZ 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

### The TruVision 20X 2MPx IP PTZ 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.

### The TruVision 20X 2MPx IP PTZ shall include a Search Interface feature that allows the user to search the network hard disk for recorded videos.

### The TruVision 20X 2MPx IP PTZ shall use H264 video compression to achieve extremely high video compression per megabyte on the hard disk.

#### Image quality shall be user-selectable when the bit rate type is variable, on a scale of 1 through 6.

#### Resolution shall be 1920×1080, 1280×960, 1280×720, 704×576(704×480), 352×288(352×240) and 176×144(176×120).

## Connections

### The TruVision 20X 2MPx IP PTZ shall include the following connectors:

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

#### 1, 1.0V[p-p] / 75Ω, NTSC/PAL composite, BNC

#### 1, audio input; 1, output

#### 7, alarm input; 2, alarm output

## Ethernet communications

### The TruVision 20X 2MPx IP PTZ shall support LAN/WAN Ethernet access.

### The TruVision 20X 2MPx IP PTZ shall support 10/100 Base T networks.

### The TruVision 20X 2MPx IP PTZ shall support Dynamic IP Addressing (DHCP).

### The TruVision 20X 2MPx IP PTZ shall support Dynamic Domain Name Server (DDNS).

# The TruVision 20X 2MPx IP PTZ shall have the following additional specifications:

## Pendant-mount

### Power Source: AC 24V ± 15%, PoE+ (802.3at)

### Operating Temperature : PoE+: -30 °C ~ 65 °C, 24VAC: -40°C~65°C

### Dimension: Ø 220 × 266 mm

### Weight: 3.5 Kg

### IP66

## Surface-mount

### Power Source: AC 24V ± 15%, PoE+ (802.3at)

### Operating Temperature : -10°C to 50°C

### Dimension: Ø 180 × 240 mm

### Weight: 2.5 Kg

## Flush-mount

### Power Source: AC 24V ± 15%, PoE+ (802.3at)

### Operating Temperature : -10°C to 50°C

### Dimension: Ø 206 × 251 mm

### Weight: 3 Kg

# The TruVision 20X 2MPx IP PTZ shall conform to these internationally recognized compliance standards:

## FCC

## CE

## UL

## C-Tick

## REACH

## RoHS

## WEEE

Contacting Support

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[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)