# TruVision<sup>®</sup> NVR 22S

H.265 Network PoE Video Recorder





# OVERVIEW

The TruVision NVR 22S (TVN 22S) from Interlogix is a plug-andplay H.264/H.265 network video recorder with up to 16 built-in PoE ports designed to support video streams from H.265 or H.264 IP cameras and encoders. With a total of 80/160 Mbps (8- or 16-channel models) of incoming bandwidth available, the TVN 22S can support up to 16 cameras at HD resolution in real-time (30fps) and many other configurations. The on-board PoE ports support up to 200 watts for ease of installation and flexible bandwidth allocation per channel allows users to maximize recording performance. In addition to browser, software and mobile device management tools, the familiar front panel controls allow for easy operation.

IP camera support includes resolutions ranging from standard VGA to 8.0 megapixel, including Interlogix<sup>®</sup> and third-party IP cameras via ONVIF.\* The TVN 22S also supports TruVision encoders for integrating existing analog cameras. Up to four internal hard disk drives may be configured for a total internal hard drive capacity of 24TB, making the TVN 22S ideal for extended storage or megapixel camera applications.

Recording options include continuous, motion, and alarm or combined scheduled recording modes. Motion recording utilizes an IP camera's built-in motion detection events, and alarms can be triggered from any of the 16 on-board alarm inputs or from alarm inputs that reside on the IP camera.

Software connectivity allows remote access to the recorder's full capabilities via Web browser or TruVision Navigator. TruVision TVRMobile also allows for remote device access via smartphone or tablet. Configuration is quick and easy through startup wizards, IP device auto-discovery tools and ezDDNS service.

# STANDARD FEATURES

#### Camera Support

- TruVision IP cameras from VGA ~ 8MPx
- TruVision single and multi-port encoders
- ONVIF Profile S support for 3rd-party camera integration
- RTSP Stream capability

#### **Recording Capabilities**

- H.264/H.265 compression supported
- Up to 8/16 HD cameras in real-time (30fps)
- 80/160Mbps for incoming streams
- · Continuous, motion, event or scheduled recording modes
- Audio recording with capable IP cameras
- Watermarking for video authentication
- Up to 24TB of storage with front accessible hard disk storage
- External hard drive (eSATA) support
- Local USB archiving

#### Installation and Operation

- Rack mountable 1.5 RU
- Up to 16-ports embedded PoE Switch
- Intuitive and logical user interface
- ezDDNS

#### Local or Remote Control and Monitoring

- Triple monitor support HDMI (1), VGA (1) and analog (1)
- 16 on-board alarm inputs and 4 configurable alarm outputs
- PTZ and dome camera control via mouse, front panel, IR remote or optional keypad
- Compatibility with TruVision Navigator and mobile app software
- Mac® Safari® browser plug-in

TruVision® NVR 22S

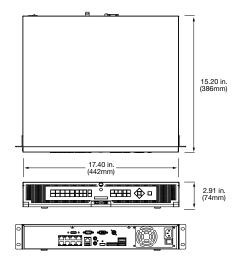
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## **Specifications**

Model		TVN-2208S	TVN-2216S	
Video/ Audio Input	IP Video Input	8-channel	16-channel	
	Bi-directional Audio	RCA (2.0 Vp-p, 1kΩ)		
	Incoming Bandwidth	80Mbps	160Mbps	
Video/ Audio Output	Recording Resolution	8MP /6MP /5MP /4MP /3MP /1080P /UXGA /720P /VGA /4CIF /DCIF /2CIF / CIF /QCIF		
	Analog Output	(1) BNC (1.0 Vp-p, 75 Ω) resolution: 704 × 576 (PAL); 704 × 480 (NTSC)		
	HDMI Output	(1) Resolution: 3840 × 2160 /60Hz, 2560 × 1440 /60Hz, 1920 × 1080 /60Hz, 1600 × 1200 /60Hz,1280 × 1024 /60Hz, 1280 × 720 /60Hz, 1024 × 768 /60Hz		
	VGA Output	(1) Resolution: 1920 × 1080P /60Hz, 1600 × 1200 /60Hz, 1280 × 1024 /60Hz, 1280 × 720 /60Hz, 1024 × 768 /60Hz		
	Audio Output	2-channel, RCA (Linear, 600Ω)		
	Playback Resolution	8MP/ 6MP /5MP /4MP /3MP /1080P /UXGA /720P /VGA /4CIF /DCIF /2CIF / CIF /QCIF		
	Synchronous Playback	8-channel	16-channel	
Hard Disk	SATA	(4) SATA interfaces		
	eSATA	(1) eSATA interface		
	Capacity	6TB capacity for each HDD		
External Interface	Network Interface	(1) RJ-45 10/100/1000 Mbps, Auto-negotiate, Ethernet port		
	Serial Interface	<ol> <li>RS-232 interface (for parameters configuration, maintenance, transparent channel);</li> <li>RS-485 interface (reserved)</li> </ol>		
	USB Interface	(2) USB 2.0 ports (front panel); (1) USB 3.0 port (rear panel)		
	Alarm In	16		
	Alarm Out	4		
Power over	PoE ports	8	16	
Ethernet	PoE Standard	802.3-af/at		
	Total PoE budget	200 watts		
	Maximum budget per port	30W		
General	Power Supply	100~240VAC, 6.3A, 50~60Hz		
	Consumption (without hard disk)	≤ 45 W		
	Working Temperature	-10°C ~+55°C (14°F~131°F)		
	Working Humidity	10%~90%		
	Chassis	1.5U		
	Dimensions (W x D x H)	17.40 × 15.20 × 2.91 in. (442 × 386 × 74mm)		
	Weight (without hard disk)	≤ 8 Kg (17.64 lb)		
	Rack Mount	Included		

## **Dimensional Diagram**



### Accessories

TVN-20XX-HDD-2T	TruVision NVR HDD Expansion Kit, 2TB Storage
TVN-HDD-4T	TruVision NVR HDD Expansion Kit, 4TB Storage
TVN-HDD-6T	TruVision NVR HDD Expansion Kit, 6TB Storage

## **Ordering Information**

TVN-2208S-4T	TruVision NVR 22S, H.265, 8-Channel IP, 8-Channel PoE, 4TB Storage
TVN-2208S-8T	TruVision NVR 22S, H.265, 8-Channel IP, 8-Channel PoE, 8TB Storage
TVN-2208S-12T	TruVision NVR 22S, H.265, 8-Channel IP, 8-Channel PoE, 12TB Storage
TVN-2216S-4T	TruVision NVR 22S, H.265, 16-Channel IP, 16-Channel PoE, 4TB Storage
TVN-2216S-8T	TruVision NVR 22S, H.265, 16-Channel IP, 16-Channel PoE, 8TB Storage
TVN-2216S-12T	TruVision NVR 22S, H.265, 16-Channel IP, 16-Channel PoE, 12TB Storage
TVN-2216S-24T	TruVision NVR 22S, H.265, 16-Channel IP, 16-Channel PoE, 24TB Storage



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Specifications subject to change without notice.

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