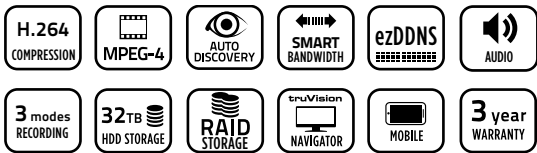


# TruVision<sup>®</sup> NVR 21Plus

8/16/32 IP Channel Network  
Video Recorder



## OVERVIEW

The TruVision NVR 21Plus (TVN 21P) from Interlogix is a high-performance network video recorder designed to support video streams from IP cameras. With a total of 80/160/200 Mbps of total bandwidth available, the TVN 21P can support up to 32 cameras at HD resolution in real-time (30fps) and many other configurations.\* 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 5.0 megapixel, including Interlogix<sup>®</sup> and third-party IP camera manufacturers.\*\* The TVN 21P also supports TruVision encoders for integrating existing analog cameras. Up to eight internal hard disk drives may be configured for a total internal hard drive capacity of 4TB-32TB, making the TVN 21P 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 Mobile also allows for remote device access. Configuration is quick and easy through startup wizards, IP device auto-discovery tools and ezDDNS service.

\*Reference table on page 2.

\*\*Support from third-party IP cameras may vary.

## STANDARD FEATURES

### Camera Support

- TruVision IP cameras from VGA ~ 5MPx
- TruVision single and multi-port encoders
- ONVIF Profile S support for 3rd-party camera integration
- RTSP Stream capability

### Recording Capabilities

- Up to 8/16/32 HD cameras in real-time (30fps)
- 80/160/200Mbps for incoming streams
- Continuous, motion, event or scheduled recording modes
- Audio recording with capable IP cameras
- Text insertion via ProBridge for ATM/POS
- Watermarking for legal video authentication
- Up to 32TB of storage with front accessible hard disk storage
- RAID 0,1,5,10 support
- External hard drive (eSATA) support
- Local USB archiving

### Installation and Operation

- Rack mountable – 2 RU
- Intuitive and logical user interface
- ezDDNS

### Local or Remote Control and Monitoring

- Triple monitor support – HDMI, VGA and analog
- 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<sup>®</sup> Safari<sup>®</sup> browser plug-in

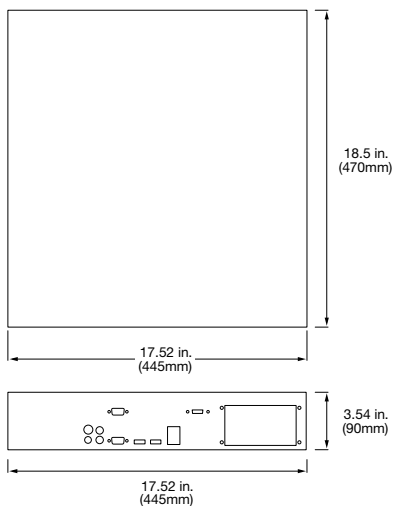
# TruVision® NVR 21Plus

8/16/32 IP Channel Network Video Recorder

## Specifications

Model	TVN-2108P	TVN-2116P	TVN-2132P	
<b>Video/ Audio Input</b>	IP Video Input	8-channel	16-channel	32-channel
	Bi-directional Audio	1-channel, RCA (2.0 Vp-p, 1kΩ)		
	Total Bandwidth	80Mbps	160Mbps	200Mbps
<b>Video/ Audio Output</b>	Recording Resolution	5MP /3MP /1080P /UXGA /720P /VGA /4CIF /DCIF /2CIF /CIF /QCIF		
	Analog Output	1-channel, BNC (1.0 Vp-p, 75 Ω) resolution: 704 × 576 (PAL); 704 × 480 (NTSC)		
	HDMI Output	1-channel, resolution: 1920 × 1080P /60Hz, 1920×1080P /50Hz, 1600 × 1200 /60Hz, 1280 × 1024 /60Hz, 1280 × 720 /60Hz, 1024 × 768 /60Hz		
	VGA Output	1-channel, 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	5MP /3MP /1080P /UXGA /720P /VGA /4CIF /DCIF /2CIF /CIF /QCIF		
	Synchronous Playback	8-channel	16-channel	32-channel
<b>Hard Disk</b>	RAID	0,1,5,10		
	SATA	(8) SATA interfaces		
	eSATA	(1) eSATA interface		
	Capacity	6TB capacity for each HDD		
<b>External Interface</b>	Network Interface	(2) RJ-45 10 /100 /1000 Mbps self-adaptive Ethernet interfaces		
	Serial Interface	(1) RS-232 interface (for parameters configuration, maintenance, transparent channel); (1) RS-485 interface (reserved)		
	USB Interface	(3) USB 2.0		
	Alarm In	16		
	Alarm Out	4		
	<b>General</b>	Power Supply	100~240VAC, 6.3A, 50~60Hz	
Consumption (without hard disk or DVD-R/W)		≤ 45 W		
Working Temperature		-10°C ~+55°C (14°F~131°F)		
Working Humidity		10%~90%		
Chassis		2U		
Dimensions (W x D x H)		17.52 × 18.50 × 3.54 in. (445 × 470 × 90 mm)		
Weight (without hard disk or DVD-R/W)		≤ 8 Kg (17.64 lb)		
Rack Mount		Included		

## Dimensional Diagram



## Accessory

<b>TVN-20XX-HDD-2T</b>	TruVision NVR HDD Expansion Kit, 2TB Storage
<b>TVN-HDD-4T</b>	TruVision NVR HDD Expansion Kit, 4TB Storage
<b>TVN-HDD-6T</b>	TruVision NVR HDD Expansion Kit, 6TB Storage
<b>TVN-HDDR-4T</b>	TruVision NVR HDD Expansion Kit, 4TB Storage, RAID

## Ordering Information

<b>TVN-2108P-4T</b>	TruVision NVR 21Plus, 8-Channels, IP H.264 ONVIF/PSIA 80Mbps Bandwidth, eSATA, 4TB Storage
<b>TVN-2108P-8T</b>	TruVision NVR 21Plus, 8-Channels, IP H.264 ONVIF/PSIA 80Mbps Bandwidth, eSATA, 8TB Storage
<b>TVN-2116P-4T</b>	TruVision NVR 21Plus, 16-Channels, IP H.264 ONVIF/PSIA, 160Mbps Bandwidth, eSATA, 4TB Storage
<b>TVN-2116P-8T</b>	TruVision NVR 21Plus, 16-Channels, IP H.264 ONVIF/PSIA, 160Mbps Bandwidth, eSATA, 8TB Storage
<b>TVN-2116-12T</b>	TruVision NVR 21Plus, 16-Channels, IP H.264 ONVIF/PSIA, 160Mbps Bandwidth, eSATA, 12TB Storage
<b>TVN-2116P-16T</b>	TruVision NVR 21Plus, 16-Channels, IP H.264 ONVIF/PSIA, 160Mbps Bandwidth, eSATA, 16TB Storage
<b>TVN-2132P-4T</b>	TruVision NVR 21Plus, 32-Channels, IP H.264 ONVIF/PSIA, 200Mbps Bandwidth, eSATA, 4TB Storage
<b>TVN-2132P-8T</b>	TruVision NVR 21Plus, 32-Channels, IP H.264 ONVIF/PSIA, 200Mbps Bandwidth, eSATA, 8TB Storage
<b>TVN-2132-12T</b>	TruVision NVR 21Plus, 32-Channels, IP H.264 ONVIF/PSIA, 200Mbps Bandwidth, eSATA, 12TB Storage
<b>TVN-2132P-16T</b>	TruVision NVR 21Plus, 32-Channels, IP H.264 ONVIF/PSIA, 200Mbps Bandwidth, eSATA, 16TB Storage
<b>TVN-2132P-24T</b>	TruVision NVR 21Plus, 32-Channels, IP H.264 ONVIF/PSIA, 200Mbps Bandwidth, eSATA, 24TB Storage
<b>TVN-2132P-32T</b>	TruVision NVR 21Plus, 32-Channels, IP H.264 ONVIF/PSIA, 200Mbps Bandwidth, eSATA, 32TB Storage



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