



TruVision® NVR 22Plus

Full Featured H.265 Network
Video Recorder



OVERVIEW

The TruVision NVR 22Plus (TVN 22P) from Aritech is a full featured H.264/H.265 network video recorder designed to support video streams from H.265 or H.264 IP cameras and encoders. With a total of 256/320 Mbps (16, 32 or 64 channel models) of incoming bandwidth available, the TVN 22P can support up to 64 cameras at HD resolution in real-time (30fps) and many other configurations. Flexible bandwidth allocation per channel allows users to maximise 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 Aritech and third-party IP cameras via ONVIF*. The TVN 22P 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 48TB, making the TVN 22P ideal for extended storage or megapixel camera applications.

Recording options include continuous, motion, and alarm or combined scheduled recording modes. Motion recording utilises 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.

*Support from third-party IP cameras may vary.

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

- Up to 64 HD cameras in real-time (30fps)
- 256/320Mbps for incoming streams
- Continuous, motion, event or scheduled recording modes
- Audio recording with capable IP cameras
- Watermarking for video authentication
- Up to 48TB 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 (2), VGA (2) and analogue (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

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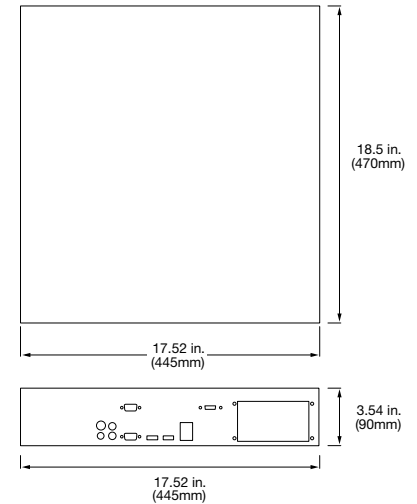
Full Featured H.265 Network Video Recorder

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Specifications

Model		TVN-2216P	TVN-2232P	TVN-2264P
Video/ Audio Input	IP Video Input	16-channel	32-channel	64-channel
	Bi-directional Audio	RCA (2.0 Vp-p, 1kΩ)		
	Total Bandwidth	256Mbps	320Mbps	
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	(2) Resolution: 3840 × 2160 / 60Hz, 2560 × 1440 / 60Hz, 1920 × 1080 / 60Hz, 1600 × 1200 / 60Hz, 1280 × 1024 / 60Hz, 1280 × 720 / 60Hz, 1024 × 768 / 60Hz		
	VGA Output	(2) 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	16-channel	32-channel	64-channel
Hard Disk	RAID	0,1,5,10		
	SATA	(8) SATA interfaces		
	eSATA	(1) eSATA interface		
	Capacity	6TB capacity for each HDD		
External Interface	Network Interface	(2) RJ-45 10/100/1000 Mbps, Auto-negotiate, Ethernet ports		
	Serial Interface	(1) RS-232 interface (for parameters configuration, maintenance, transparent channel); (1) RS-485 interface (reserved)		
	USB Interface	(2) USB 2.0 ports (front panel); (1) USB 3.0 port (rear panel)		
	Alarm In	16		
	Alarm Out	4		
General	Power Supply	100~240VAC, 6.3A, 50~60Hz		
	Consumption (without hard disk or DVD-R/W)	≤ 45 W		
	Working Temperature	-10°C ~+55°C		
	Working Humidity	10%~90%		
	Chassis	2U		
	Dimensions (W x D x H)	445 × 470 × 90 mm		
	Weight (without hard disk or DVD-R/W)	≤ 8 Kg		
	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
TVN-HDDR-4T	TruVision NVR HDD Expansion Kit, 4TB Storage, RAID

Ordering Information

TVN-2216P-4T	TruVision NVR 22 Plus, H.265, 16 Channel IP, 2U, 4TB Storage
TVN-2232P-4T	TruVision NVR 22 Plus, H.265, 32 Channel IP, 2U, 4TB Storage
TVN-2264P-4T	TruVision NVR 22 Plus, H.265, 64 Channel IP, 2U, 4TB Storage

