



Annexus IP Modules



Annexus301 IP Module

Features

- Industry Leading Video Compression H.264
- 4CIF, 2CIF, or CIF
- 30 Frames per second recording rate
- Perfectly synchronized video/Audio input
- Audio Line In and Audio out for two way audio
- Built-In Web Viewer for Remote Access via Internet Explorer
- 1 Alarm input / 1 Relay output
- LAN/WAN ready
- Up to 30 fps per live camera view
- Access remote locations with ease

Application & Benefits

i3DVR has expanded its family of video-over-IP encoders for the SRX-Pro systems with the Annexus 301. The new encoder is part of i3DVR's comprehensive IP network products, the Annexus. All devices in the range integrate seamlessly with existing hybrid DVR solutions.

The Annexus 301 uses the new standard H.264 and allows transmission of full-motion video at 30 frames per second (fps) at 4CIF. Compared to others in the marketplace, it has the highest quality of H.264 video standard. With low latency and excellent bandwidth usage, this single channel H.264 IP encoder fulfills the job of any high demanding IP network.

This H.264 IP encoder offers 1 channel of video with synchronized audio at 4CIF, 2CIF, or CIF resolution settings @ 30 fps and PTZ control.



Annexus304 IP Module

Features

- Industry Leading Video Compression H.264
- 4CIF, 2CIF, or CIF
- 30 Frames per second recording rate
- Perfectly synchronized video/Audio input
- Audio Line In and Audio out for two way audio
- Built-In Web Viewer for Remote Access via Internet Explorer
- 4 Alarm inputs / 2 Relay outputs
- LAN/WAN ready
- Up to 30 fps per live camera view
- Access remote locations with ease

Application & Benefits

The Annexus 304 has four audio/video input. This means that additional video or audio/video modules can be exchanged or added at any time without interrupting transmission to the existing channels. Easy expansion with high channel density is therefore achieved and at low cost. The dual-streaming feature provides two parallel video streams allows viewing and recording at two different quality levels to save disk space and bandwidth.

The Annexus 304 employ H.264 technology. It has the highest quality of H.264 video compare to others technology in the market place. With low latency and excellent bandwidth usage this single channel H.264 IP encoder give a powerful punch to any high demanding IP network.

Product	Annexus301 IP Module	Annexus304 IP Module
i3 Part No.	Annexus301	Annexus304
Video		
Video Standard	NTS/PAL	NTS/PAL
Video Input	1-Ch BNC (1.0Vp-p, 75ohms)	4-Ch BNC 1.0Vp-p, 75ohms
Bit rate	32kbps ~ 2Mbps (Self definition)	32kbps ~ 2Mbps (Self definition)
Video Compression & Transmission Configuration		
Compression 1	NTSC: 704x480(4CIF) / PAL: 704x576(4CIF)	NTSC: 704x480(4CIF) / PAL: 704x576(4CIF)
Compression 2	NTSC: 704x240(2CIF) / PAL: 704x288(2CIF)	NTSC: 704x240(2CIF) / PAL: 704x288(2CIF)
Compression 3	NTSC: 352x240(CIF) / PAL: 352x288(CIF)	NTSC: 352x240(CIF) / PAL: 352x288(CIF)
Video input	1 channel BNC (1.0Vp-p, 75ohms)	4 channel BNC (1.0Vp-p, 75)
Frame rate	PAL: 25 fps; NTSC: 30 fps	4 channels @ 1CIF - 30/25 fps (NTSC/PAL) 4 channels @ 2CIF - 30/25 fps (NTSC/PAL) ONLY 2 channels @ 4CIF - 30/25 fps (NTSC/PAL) 1 channel @ 4CIF and 3 channels @ 1CIF - 30/25 fps (NTSC/PAL)
Frame rate SRX-Pro Interface	--	4 channels @ 1CIF - 10/8 fps (NTSC/PAL) 4 channels @ 2CIF - 10/8 fps (NTSC/PAL) ONLY 2 channels @ 4CIF - 10/8 fps (NTSC/PAL) 1 channel @ 4CIF and 3 channels @ 1CIF - 10/8 fps (NTSC/PAL)
Stream type	Video stream or Video & Audio stream	Video stream or Video & Audio stream
Bit rate	32kbps-2Mbps (Self definition)	32kbps-2Mbps (Self definition)
Audio		
Audio input	1-Ch RCA jack (2.0Vp-p, 1k0)	4-Ch RCA jack (2.0Vp-p, 1k)
Audio compression	OggVorbis, 16Kbps	OggVorbis, 16Kbps
Audio output	1-ch mono jack (Linear Electrical Level, 6000)	4-ch mono jack (Linear Electrical Level, 600)
Communication Configuration		
LAN/Network	Yes	Yes
Serial Protocol	RS-232	RS-232
PTZ control	RS-485	RS-485
Alarms/Relay		
Alarm Input	1	4
Alarm Output	1	2
Electrical & Environment		
Power supply	24VAC input	24VAC input
Power consumption	--	10W
Working temperature	-10°C to +55°C	
Working humidity	10% - 90%	10% - 90%
Approximate Size		21cm x 5cm x 14cm (8.25" x 2.25" x 5.625")
Approximate Weight		0.72kg (1.55lbs)
Front Panel Indicators/Functions		
LEDs	For Power, Network, Status	For Power, Network, Status
Certifications		
Safety Standard	FCC, CE	FCC, CE
Warranty		
Standard Warranty	1 year	1 year