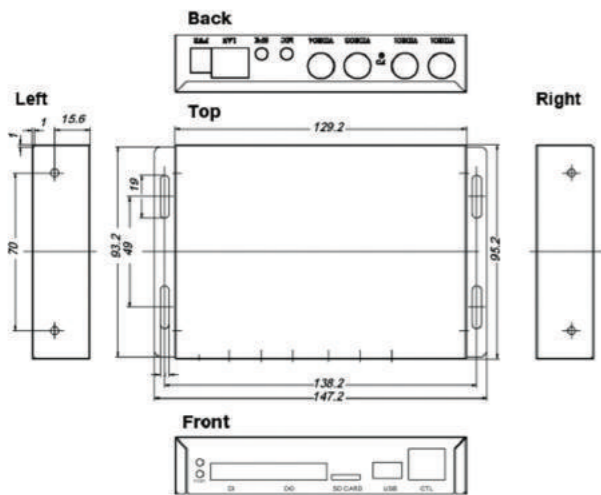# FW3471

1CH. Video Server (Encoder)

▲
FW3471
1CH. Video Server (Encoder)

FW3471 is a stand-alone 4 channel network video server to transmit the supreme video and audio data over the TCP/IP network. FW3471 supports simultaneous H.264 and MJPEG Video Compression, less network bandwidth and storage space required. FW3471 delivers High Video quality at maximum 30 fps in different resolution. Traditionally, the analog video signal from the analog camera causes a "tearing" effect due to the fact even and odd fields are slightly displaced with time interval. FW3471 converts the interlaced image from conventional analog camera into a progressive quality image. FW3471 makes it possible to monitor fast moving images in vivid and crystal clear quality.

▲
FW3471
1CH. Video Server (Encoder)

• Key Features

- 1Ch. BNC IN/OUT
- G.711 2-WAY Audio
- RS-232/485 PTZ support
- Max. 30/25fps @ D1
- Dual Streaming (H.264, M-JPEG)
- Hardware Intelligent Motion Detection
- Onboard storage by MicroSD
- ONVIF (Profile S) Standard

• Tech Notes

Management white list

A whitelist is a list of items that are granted access to a certain system or protocol. When a whitelist is used, all entities are denied access, except those included in the whitelist. … A network administrator may configure a firewall with a whitelist that only allows specific IP addresses to access the IP camera or NVRs.

Audio Broadcasting

By Audio broadcasting function, FlexWATCH NVR can broadcast audio with the mic. on FlexWATCH NVR to multiple speakers at FlexWATCH IP cameras connected in the network. It can broadcast the audio up to 32ch of IP cameras by the any GROUPs at the same time.

FW3471   ▶**Technical Specifications**

Video Server

Analog Input	4Ch.

Video

Streaming	Dual Streaming
Compression	H.264, M-JPEG
Resolution	1920x1080, 1280x720, 704x480, 640x352, 320x176, 160x96
Max. Frame Rate	30fps, 25fps
Bit Rate Control	VBR, CBR (H.264 only, 32K~12Mbps)
Frequency Control	NTSC, PAL
Buffer	Max. 5.6Mbyte pre/post alarm buffer
Privacy Masking	8 Privacy zone
Motion Detection	On (144 block selection), Off
Video Analytics	–
Flip	Vertical (On, Off), Horizontal (On, Off)
PTZ	PTZ device control through serial port

Interface

Video Out	–
Audio In/Out	2-WAY (1 in, 1 out)
Audio Compression	G.711
Alarm In/Out	1 DI, 1 DO
Serial Port	RS-232C, RS-485
Peripherals	–
Memory Slot	–

Network

LAN	10/100-base-T (auto sensing)
Protocol	HTTP, RTP/RTSP(Uni/Multicast), TCP/IP(v4/v6), UDP, FTP, Telnet, HTTPS, RARP, SNMP, DHCP, NTP, SMTP client, uPnP&etc
Standard	OnVIF (Profile S)
Viewer	Internet Explorer, FlexWATCH NVR/ CMS/ Mobile App
Dynamic IP	DDNS (www.ipcctvdns.com)
Smart Solution	FlexWATCH Mobile (Android, iOS)
Security	HTTPS, Encrypted & Basic Authentication

Hardware

System	32bit Embedded Linux, 256Mbyte SDRAM, 128MBytes NAND Flash
Approvals	KC, FCC, CE, RoHS
Working Condition	−10℃ ~ +50℃, 20% ~ 80% RH
Power Supply	SMPS, DC 12V @1A
Power Consumption	Max. 5.0W
Dimension	147.2(W) x 95.2(D) x 26(H) mm
Weight	About 250g without Power Supply