

Network(IP) Video/Audio Server



Brief Introduction

The network video/audio server is a Embedded Monitor Control Equipment. Adopt advanced high-dependability special DSP scheme, combine strong performance RTOS operation system, realize technical grade MTBF indeed, optimal H.264 video compression algorithm. so the image will be more clear and more fluent. Built-in Web Server, user can long-distance control and monitor via IE browser easily, also, can realize centralized monitoring and management of various video server by center management software, it is easy for construct large Monitor Control System

Product's feature

- High-dependability special DSP scheme, combine strong performance RTOS operation system, realize technical grade MTBF indeed
- high-definition D1 network video server, Fully compatible with HalfD1,CIF, QCIF format
- Adopt optimal H.264 video compression algorithm, realized transmission high-definition image via low-network bandwidth
- Adopt optimal MP3 audio compression algorithm, voice will be more clear
- Adopt advanced network forward server technology, different users can access and can manage the authority of different customer
- Support real time video monitor output (two channels and four channels type)
- Support PAL/NTSC composite video
- Built-in Web Server, remote monitoring, control, setting etc other operation by IE browser
- Support 802.11b/g wireless network, support CDMA1X, GPRS mobile network and mobile telephone monitor
- Support remote security update
- Support dynamic IP address, support LAN, Internet (ADSL etc)
- Support Bi-direction voice real time transmission
- Adopt network adaptive technique, auto-adjust video frame frequency according to bandwidth of network
- Video code rate: 16Kbps~2Mbps (can smooth regulation),frame rate:1/10-30 (1/10-25) (can smooth regulation)
- Possess alarm function of Video miss, detection move etc (district and sensitivity can bet set)
- Possess RS485, RS232 serial ports, built-in various high speed ball and decoder protocol, support transparent protocol
- Support image shield and take photo function
- Auto-resume of abnormality, Auto-connect when network disconnected

One channel D1 Video Coding Server



Type: DLX200-1D

Technical parameter

Video input	1channel composite video, PAL or NTSC format, BNC interface, level:1.0Vp-p, impedance: 75 Ω
Video compression	H.264
Video Resolution	PAL: 352 x 288 (CIF) , 704 x 288 (2CIF) ,704 x 576 (D1) NTSC: 352 x 240 (CIF) ,704 x 240 (2CIF) ,704 x 480 (D1)
Video parameter regulation	Brightness, chroma, contrast, saturation and image quality
Code stream type	Video stream or video & audio composite stream
Video frame frequency	PAL: 1/10 – 25 frame/sec. NTSC:1/10-30 frame/sec.
Video compression code rate	16Kbit/S~2Mbit/S
Video output	No
Audio input	1channel, RCA interface, linearity input, impedance: 1 K Ω
Audio compression	MP3
Audio output	1channel, RCA interface, linearity output
Voice talkback input	1channel,MIC interface
Communication ports	1 10M/100M Ethernet port, 1 RS485 port, 1 RS232 port Built-in various high speed ball and decoder protocol, support transparent protocol Support 802.11b/g wireless network, Support CDMA1X, GPRS mobile network Support mobile telephone video monitor
Alarm input	4 channels of 1/0 input, NO/NC can set
Alarm output	2 channels of 1/0 output,120VAC 1A/24VDC 1A
Power supply input	AC 100~240V, 50~60Hz
Max power	<6W
Working temperature	-10 ~ +55 °C
Working humidity	10 ~ 85%
Dimension	180mm(L) x 50mm(H) x 110mm(D)

One channel CIF Video Coding Server



Type: DLX200-1C

Technical parameter

Video input	1channel composite video, PAL or NTSC format, BNC interface, level :1.0Vp-p, impedance: 75 Ω
Video compression	H.264
Video Resolution	PAL: 352 x 288 (CIF) NTSC: 352 x 240 (CIF)
Video parameter regulation	Brightness, chroma, contrast, saturation and image quality
Code stream type	Video stream or video & audio composite stream
Video frame frequency	PAL: 1/10 – 25 frame/sec. NTSC:1/10-30 frame/sec.
Video compression code rate	16Kbit/S~2Mbit/S
Video output	No
Audio input	1channel, RCA interface, linearity input, impedance: 1 K Ω
Audio compression	MP3
Audio output	1channel, RCA interface, linearity output
Voice talkback input	1channel, MIC interface
Communication ports	1 10M/100M Ethernet port, 1 RS485 port, 1 RS232 port Built-in various high speed ball and decoder protocol, support transparent protocol Support 802.11b/g wireless network, Support CDMA1X, GPRS mobile network Support mobile telephone video monitor
Alarm input	4 channels of 1/0 input, NO/NC (normally open / close)can set
Alarm output	2 channels of 1/0 output,120VAC 1A/24VDC 1A
Power supply input	AC 100~240V, 50~60Hz
Max power	<6W
Working temperature	-10 ~ +55 °C
Working humidity	10 ~ 85%
Dimension	180mm(L) x 50mm(H) x 110mm(D)

Two channels Half D1 Encoder



Type: DLX200-2H

Technical parameter

Video input	2 channels composite video, PAL or NTSC format, BNC interface, level :1.0Vp-p, impedance: 75 Ω
Video compression	H.264
Video Resolution	PAL: 352 x 288 (CIF) , 704 x 288 (2CIF) NTSC: 352 x 240 (CIF) , 704 x 240 (2CIF)
Video parameter regulation	Brightness, chroma, contrast, saturation and image quality
Code stream type	Video stream or video & audio composite stream
Video frame frequency	PAL: 1/10 – 25 frame/sec. NTSC:1/10-30 frame/sec.
Video compression code rate	16Kbit/S~2Mbit/S
Video output	1 channel, PAL or NTSC format,BNCinterface,level:1.0Vp-p, impedance:75 Ω ,real time 4 pics display output
Audio input	2 channels, RCA interface, linearity input, impedance: 1 K Ω
Audio compression	MP3
Audio output	1channel, RCA interface, linearity output
Voice talkback input	1channel,MIC interface
Communication ports	1 10M/100M Ethernet port, 1 RS485 port, 1 RS232 port Built-in various high speed ball and decoder protocol, support transparent protocol Support 802.11b/g wireless network, Support CDMA1X, GPRS mobile network Support mobile telephone video monitor
Alarm input	4 channels of 1/0 input, NO/NC (normally open / close)can set
Alarm output	2 channels of 1/0 output,120VAC 1A/24VDC 1A
Power supply input	AC 100~240V, 50~60Hz
Max power	<8W
Working temperature	-10 ~ +55 $^{\circ}\text{C}$
Working humidity	10 ~ 85%
Dimension	180mm(L) x 50mm(H) x 110mm(D)

Four channels CIF Encoder



Type: DLX200-4C

Technical parameter

Video input	4 channels composite video, PAL or NTSC format, BNC interface, level :1.0Vp-p, impedance: 75 Ω
Video compression	H.264
Video Resolution	PAL: 352 x 288 (CIF) NTSC: 352 x 240 (CIF)
Video parameter regulation	Brightness, chroma, contrast, saturation and image quality
Code stream type	Video stream or video & audio composite stream
Video frame frequency	PAL: 1/10 – 25 frame/sec. NTSC:1/10-30 frame/sec.
Video compression code rate	16Kbit/S~2Mbit/S
Video output	1 channel, PAL or NTSC format,BNCinterface,level:1.0Vp-p, impedance:75 Ω ,real time 4 pics display output
Audio input	2 channels, RCA interface, linearity input, impedance: 1 K Ω
Audio compression	MP3
Audio output	1channel, RCA interface, linearity output
Voice talkback input	1channel,MIC interface
Communication ports	1 10M/100M Ethernet port, 1 RS485 port, 1 RS232 port Built-in various high speed ball and decoder protocol, support transparent protocol Support 802.11b/g wireless network, Support CDMA1X, GPRS mobile network Support mobile telephone video monitor
Alarm input	4 channels of 1/0 input, NO/NC (normally open / close)can set
Alarm output	2 channels of 1/0 output,120VAC 1A/24VDC 1A
Power supply input	AC 100~240V, 50~60Hz
Max power	<8W
Working temperature	-10 ~ +55 $^{\circ}\text{C}$
Working humidity	10 ~ 85%
Dimension	180mm(L) x 50mm(H) x 110mm(D)

One channel D1/4 channel CIF Decoder



Type: DLX200-1J

Support decode of one channel D1 and 4 channels CIF max, video input source is from DLX200XX series encoder's real time code stream. Send to TV-Wall directly after decode. Built-in GUI support remote control operation.

Technical parameter

Video Resolution	PAL: 352 x 288 (CIF) , 704 x 288 (2CIF) ,704 x 576 (D1) NTSC: 352 x 240 (CIF) ,704 x 240 (2CIF) ,704 x 480 (D1)
Video parameter regulation	Brightness, chroma, contrast, saturation and image quality
Code stream type	Video stream or video & audio composite stream
Video frame frequency	PAL: 1/10 – 25 frame/sec. NTSC:1/10-30 frame/sec.
Video compression code rate	16Kbit/S~2Mbit/S
Video output	1 channel, PAL or NTSC format,BNCinterface,level:1.0Vp-p, impedance:75Ω ,real time 4 pics display output
Audio input	2 channels, RCA interface, linearity input, impedance: 1 K Ω
Audio compression	MP3
Audio output	1channel, RCA interface, linearity output
Voice talkback input	1channel,MIC interface
Communication ports	1 10M/100M Ethernet port, 1 RS485 port, 1 RS232 port Built-in various high speed ball and decoder protocol, support transparent protocol Support 802.11b/g wireless network, Support CDMA1X, GPRS mobile network Support mobile telephone video monitor
Alarm input	4 channels of 1/0 input, NO/NC (normally open / close)can set
Alarm output	2 channels of 1/0 output,120VAC 1A/24VDC 1A
Power supply input	AC 100~240V, 50~60Hz
Max power	<6W
Working temperature	-10 ~ +55 °C
Working humidity	10 ~ 85%
Dimension	180mm(L) x 50mm(H) x 110mm(D)

Four channels D1 decode card



Type: DLX300-4J

Should be used together with desk-top computer, single card can realized 4 channels D1 decode, one PC can support up to 32 channels, easy to construct TV-Wall. video input source is from DLX200XX series encoder's real time code stream or replay code stream of management center video storage server.

Technical parameter

Video Resolution	PAL: 352 x 288 (CIF) , 704 x 288 (2CIF) ,704 x 576 (D1) NTSC: 352 x 240 (CIF) ,704 x 240 (2CIF) ,704 x 480 (D1)
PC interface	PCI2.2 33MHZ 32Bit
Video parameter regulation	Brightness, chroma, contrast, saturation and image quality
Code stream type	Video stream or video & audio composite stream
Video frame frequency	PAL: 1/10 – 25 frame/sec. NTSC:1/10-30 frame/sec.
Video compression code rate	16Kbit/S~2Mbit/S
Video output	4 channel, PAL or NTSC format,BNCinterface,level:1.0Vp-p, impedance:75Ω ,real time 4 pics display output
Power supply input	AC 100~240V, 50~60Hz
Max power	<13W
Working temperature	-10 ~ +55 ℃
Working humidity	10 ~ 85%
Dimension	Standard PCI2.2 inch