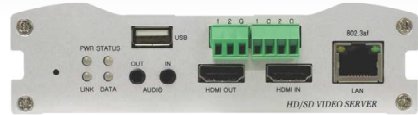
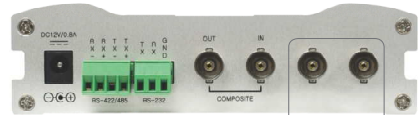


VS-102-HDI

2.0 MP HIGH RESOLUTION ENCODER / DECODER WITH HDMI



Front



Back

not active

- High Quality AV Encoder / Decoder (User Selectable)
- Full HD resolution 1080p Encoding / Decoding
- Up to 30fps @ 1920 x 1080 streaming
- H.264 & H.264 MJPEG Dual Streaming
- Two-Way Audio Communication
- Mono Codec G.711 for Security applications
- Stereo Codec AAC for Broadcast applications
- HDMI Video Input / Output
- Composite Video Input / Output
- Audio Input / Output
- Instant Recording to an optional USB drive (USB 2.0)
- Supports DDNS (Dynamic Domain Name Server)
- Built-in PoE (Power Over Ethernet: 802af)
- RS-232 control built-in
- RS-422 / 485 control built-in
- 2 Sensor Inputs
- 2 Alarm Outputs
- Watchdog for system recovery
- Integrated Video Motion Detection
- Transmission of Video Data through FTP server
- Wide Range of Video Bit Rate Control (32Kbps ~ 10Mbps)
- PSIA and ONVIF compliant

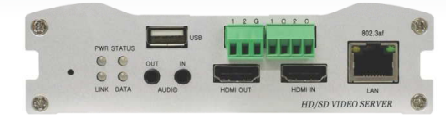
Included Accessories



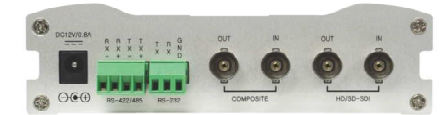
Power Supply
Required for applications not utilizing PoE

VS-102-HDSDI

2.0 MP HIGH RESOLUTION ENCODER / DECODER WITH HD-SDI



Front



Back

- High Quality AV Encoder / Decoder (User Selectable)
- Full HD resolution 1080p Encoding / Decoding
- Up to 30fps @ 1920 x 1080 streaming
- H.264 & H.264 MJPEG Dual Streaming
- Two-Way Audio Communication
- Mono Codec G.711 for Security applications
- Stereo Codec AAC for Broadcast applications
- HD-SDI Video Input / Output
- HDMI Video Input / Output
- Composite Video Input / Output
- Audio Input / Output
- Instant Recording to an optional USB drive (USB 2.0)
- Supports DDNS (Dynamic Domain Name Server)
- Built-in PoE (Power Over Ethernet: 802af)
- RS-232 control built-in
- RS-422 / 485 control built-in
- 2 Sensor Inputs, 2 Alarm Outputs
- Watchdog for system recovery
- Integrated Video Motion Detection
- Transmission of Video Data through FTP server
- Wide Range of Video Bit Rate Control (32Kbps ~ 10Mbps)
- PSIA and ONVIF compliant

Included Accessories



Power Supply
Required for applications not utilizing PoE

VIDEO SERVERS

VIDEO SERVERS

6



IP Apps
see pages 4-5



IP Apps
see pages 4-5



7

SECTION		SPECIFICATIONS		SECTION		SPECIFICATIONS	
System	System Mode	Encoder, Decoder		Audio	Output	1 x Line-Out (Mini-Stereo)	
Network	Network Interface	Ethernet 10/100Base-T (RJ-45)		Serial	Port 1	1 x RS-232 (Terminal Block)	
	Network Protocol	TCP/IP, UDP, Multicast, DHCP, SMTP, HTTP, SNMP, RTP, RTSP			Port 2	1 x RS-422/485 (Terminal Block)	
Video	Standards	Main Stream: H.264		Sensor/Alarm	Data Rate	2,400bps ~ 115,200bps	
		Secondary Stream: H.264 MJPEG			Sensor Input	2 x NO Contact (Terminal Block)	
	Bitrate	32 ~ 10,240 Kbps		Alarm Output	2 x NO Contact (Terminal Block)		
	Resolution	1920 x 1080/60i ~ 352 x 240/30fps, 18 resolution step		Beep	1 x Buzzer 88 dB Min		
	Frame Rate Range	1 ~ 30fps		Reset Button	1 x Factory Reset Button		
	Input 1	1 x HDMI type-A, HDMI RX		User Interface	System Status	4 x LED	
Input 2	1 x BNC: Composite (Default)		Storage	Recording/Backup	1 x USB 2.0 Port		
Output 1	1 x HDMI type-A, HDMI TX		Software	VS Manager/VMS-16 NVR	Live Monitoring, Recording, Search & Playback, Backup		
Output 2	1 x BNC: Composite (Default)		Physical	Dimensions	134(W) x 125(D) x 35(H)mm		
Motion Detection	Sensitivity Adjustment			Weight	504 g		
Audio	Standards	G.711, AAC		Power	DC 12V/0.8A, PoE (Power over Ethernet): 802.3af		
	Sample Rate	G.711: 8kHz / AAC: 32kHz		Power Consumption	Max 9.6W		
	Data Rate	G.711: 64Kbps, AAC: 64Kbps, 128Kbps		Operating Temp.	-10°C ~ 50°C / 14°F ~ 122°F		
Input	1 x Line-In (Mini-Stereo)						

SECTION		SPECIFICATIONS		SECTION		SPECIFICATIONS	
System	System Mode	Encoder, Decoder		Audio	Output	1 x Line-Out (Mini-Stereo)	
Network	Network Interface	Ethernet 10/100Base-T (RJ-45)		Serial	Port 1	1 x RS-232 (Terminal Block)	
	Network Protocol	TCP/IP, UDP, Multicast, DHCP, SMTP, HTTP, SNMP, RTP, RTSP			Port 2	1 x RS-422/485 (Terminal Block)	
Video	Standards	Main Stream: H.264		Sensor/Alarm	Data Rate	2,400bps ~ 115,200bps	
		Secondary Stream: H.264 MJPEG			Sensor Input	2 x NO Contact (Terminal Block)	
	Bitrate	32 ~ 10,240 Kbps		Alarm Output	2 x NO Contact (Terminal Block)		
	Resolution	1920 x 1080/60i ~ 352 x 240/30fps, 18 resolution step		Beep	1 x Buzzer 88 dB Min		
	Frame Rate Range	1 ~ 30fps		Reset Button	1 x Factory Reset Button		
	Input 1	1 x HDMI type-A, HDMI RX		User Interface	System Status	4 x LED	
Input 2	1 x BNC: HD-SDI		Storage	Recording/Backup	1 x USB 2.0 Port		
Output 1	1 x HDMI type-A, HDMI TX		Software	VS Manager/VMS-16 NVR	Live Monitoring, Recording, Search & Playback, Backup		
Output 2	1 x BNC: HD-SDI		Physical	Dimensions	134(W) x 125(D) x 35(H)mm		
Motion Detection	Sensitivity Adjustment			Weight	504 g		
Audio	Standards	G.711, AAC		Power	DC 12V/0.8A, PoE (Power over Ethernet): 802.3af		
	Sample Rate	G.711: 8kHz / AAC: 32kHz		Power Consumption	Max 9.6W		
	Data Rate	G.711: 64Kbps, AAC: 64Kbps, 128Kbps		Operating Temp.	-10°C ~ 50°C / 14°F ~ 122°F		
Input	1 x Line-In (Mini-Stereo)						