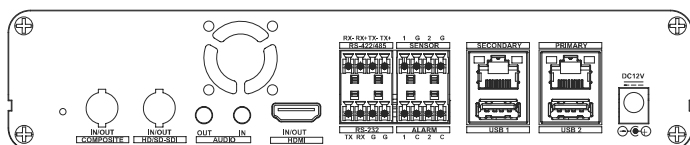
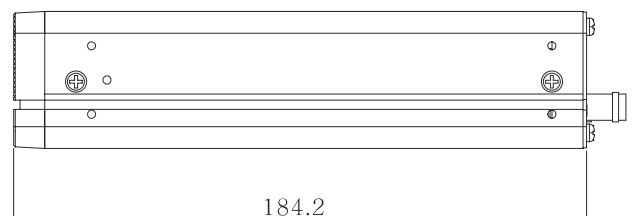
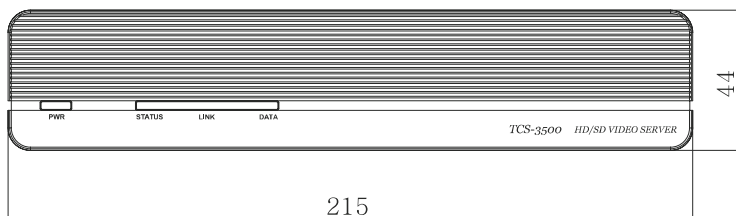


### 1080p60 Full HD Video Server

#### Features

- Max. 60fps at 1920 x 1080
- Quad Streaming (H.264/H.264, H.264/MJPEG)
- MPEG2-TS Supported
- Two Way Audio Communication (G.711, AAC)
- 3GSDI, HDSDI, SDI and CVBS I/O Supported
- Embedded Audio is supported in 3GSDI, HDSDI, SDI and HDMI, Stereo Analog is also provided
- Over 30 Types of PTZ Protocol Supported
- The VS-104-3GSDI can be used as either a Encoder or Decoder (User Selectable)

- PoE+ (Power over Ethernet): 802.3at
- USB Recording
- Watchdog for System Recovery
- RS-232, RS-422/485 Communication
- Motion Detection
- 2CH Sensor Input / 2CH Alarm Output
- Adjustable Video Bitrate:  
32Kbps ~ 16Mbps for Primary Video,  
32Kbps ~ 4Mbps for Secondary to Quartic Video
- Adjustable Serial Data I/O
- Various Protocols:  
TCP/IP, Multicast, UDP, HTTP, SMTP, FTP, DHCP, DNS, Dynamic DNS, RTP, RTSP, SNMP
- Full Technical Support with SDK & API



Measurements in mm

## VS-104-3GDSDI specifications

<b>System</b>	System Mode	Encoder / Decoder
<b>Video</b>	Compression	H.264, MJPEG
	Framerate	Max 60fps @ 1920x1080
	Bitrate	Primary: 32Kbps ~ 16Mbps, Secondary: 32Kbps ~ 4Mbps
	Resolution	352x240 ~ 1920x1080
	Streaming	Primary: H.264, Secondary x 3: H.264/MJPEG
	Burn-in OSD	Multi-lingual
	Input/Output	1 x HDMI (Type A), Input/Output configurable 1 x Composite (BNC), Input/Output configurable 1 x 3G-SDI (BNC), Input/Output configurable
<b>Audio</b>	Compression	G.711 / AAC
	Sample rate	G.711: 8KHz, AAC: 32/44.1/48KHz
	Bitrate	G.711: 64Kbps, AAC: 64Kbps/128Kbps
	Streaming	Full duplex
	Input	1 x Line-In (stereo, mini-stereo type)
<b>Network</b>	Output	1 x Line-Out (stereo, mini-stereo type)
	Interface	2 x Ethernet 10/100/1000Base-T (RJ-45)
	Protocol	IPv4/v6, TCP, UDP, IGMP(Multicast), ICMP, DHCP, HTTP, HTTPS, RTP, RTSP, FTP, SNMP, SMTP, UPnP, WS-Discovery, Zero Configuration, NTP, DDNS
	Security	Password protection, IP address filtering, HTTPS encryption
	Application Programming Interface	MEI Protocol/SDK, ONVIF, PSIA, MPEG-TS
<b>General</b>	Event sources	Motion, Sensor input, Video loss, Client disconnection
	Event actions	Notification (E-mail), FTP, PTZ preset, Alarm control, Recording
	Housing	Aluminum
	Certifications	CE, FCC, KC, ROHS
	External devices	2 x Sensor-In (dry contact, NO/NC) 2 x Alarm-Out (dry contact, NO) 1 x RS-232 port 1 x RS-422/485 port 1 x Buzzer (88dB min)
	Edge storage	2 x USB 2.0 port
	Power supply	Min DC12V TBD, PoE+ (Power over Ethernet): 802.3at
	Power Consumption	DC12V/PoE+ / Max: TBD
	Operating Temp.	-10°C ~ 50°C (14°F ~ 122°F) / 20% ~ 80% RH
	Dimension	215mm(W) x 184.2mm(L) x 44mm(H)
	Weight	940g

*Features, specifications, and dimensions are subject to change without notice.  
Physical appearance of products may vary slightly from images shown on this document. Please visit our website for updates and information.*

VER. 1.0