



## Product Datasheet

Part Code: 10-130-002-00

# Vidistor HD-SDI 4 Channel Realtime 4 Channel H.264 Digital Video Recorder

## Key Features

- Removable DVR / HDD Dock
- 4-CH HD, realtime H.264 DVR with hexaplex operation – record, live, playback, backup, control, & remote access
- H.264 High Profile video compression/decompression with configurable quality
- Max record capabilities – HD: 720p 120/100, 1080p120/100
- Max playback capabilities – HD: 720p 120/100, 1080p 75
- Realtime live display for each channel
- Two-way audio capabilities
- Smart search & playback
- Playback rate up to 240/200 IPS
- Audio in \* 8 / audio out \* 2
- HDMI \* 1, VGA \* 1, Main monitor \* 1, Call monitor \* 1
- Up to 5 eSATA HDDs
- Alarm in \* 16 / alarm out \* 4, alarm set/unset, panic
- Full rail & automotive type approvals



## Specifications

System	O.S.	Embedded Linux 3.0
	Multiplex	Hexaplex operation - simultaneous record, live, playback, backup, control, & remote access
Video	Certification	FCC, CE, e1, EN-50121 and EN-50155.
	Format	HD: HD-SDI,
	Input	HD: 4-CH HD-SDI (SMPTE 292M), BNC, 0.8Vp-p/75ohm, up to 1080p30, 720p60
	Main monitor	HDMI x 1, with resolution up to 1920x1080 (Dock Only)
		VGA x 1, with resolution up to 1920x1080 (Dock Only)
		M12 x 1, 1Vp-p/75ohm



## Product Datasheet

### Vidistor HD-SDI 4 Channel

#### Specifications.....continued

Video	Loss detection	Yes
	Motion detection	Yes, with configurable detection area & sensitivity
	Privacy masking	Yes
Audio	Input	HD: 4-CH M12 (BNC Connectors Available)
	Output	Line-out level (up to 2Vrms)
Record	Compression	Video: H.264 High Profile
		Audio: ADPCM
	Max frame rate & resolution	HD: 720p 120/100, 1080p 120/100,
	Watermark	Yes
	Mode	Manual/Schedule/Alarm/Motion/Panic
	Pre-record time	0 - 10 seconds
	Post-record time	0 - 60 minutes
Display	Resolution	HDMI/VGA – up to 1920x1080
		NTSC – 720*480, PAL – 720*576
	Split windows	Full Screen / 4-Way Split
	Frame rate	Up to 30/25 IPS per display window
	Digital Zoom	X2, X4
	Sequential switch	User adjustable
Playback	Max frame rate & resolution	HD: 720p 120/100, 1080p 75
	Search	Smart search, Date/time, Camera, Alarm, & Motion
	Operation	Play, Fast Forward, Backward, Pause, Stop, etc.
Storage	HDD	1TB Internal + 3TB External
		Failure detection & privacy law supported
	HDD Extension	1 eSATA connector
	Backup	2 USB 2.0 port
		Self playback for backup files
Alarm	Set/unset	1 contact or TTL/CMOS signal, polarity selectable
	Panic	1 contact or TTL/CMOS signal, polarity selectable
	Input	16 contact or TTL/CMOS signal, polarity selectable



## Product Datasheet

### Vidistor HD-SDI 4 Channel

#### Specifications

Alarm (continued)	Output	2 Normally Open, 2 Normally Closed relay output
	Buzzer	Yes
	Triggered by	Sensor input, Video loss, & Motion
	Event log	Yes
Network	Ethernet	1 RJ-45 10M/100M/1G bps Ethernet connector
	USB 3G dongle	Supported
	Web	Remote setup, monitoring, backup, alarm notification, & remote software upgrade
		Support Windows 7, Vista, XP, and 2000
		Configurable HTTP/SMTP/FTP/Control/Data port
	DDNS	DDNS server
	E-mail	Alarm notification to stationary or mobile devices
	FTP	Alarm video/audio file storage
	Video	1/4/9/16/25/36/49/64 split-window & SEQ mode for I.E. and HEM
		Dynamic electronics maps for HEM
		N-Streaming live view
	Audio	Two-way
	Protocol	TCP/IP, HTTP, PPPoE, DHCP, DDNS, FTP, TSP
	Remote users	Up to 8 users simultaneously
	Bandwidth	TCP/IP type dynamic sliding window control
	Remote stations	PC, mobile phone, PDA, and/or tablet PC
		With free iPhone/iPad/Android software app.
Control / GPS / POS	Remote Controller	1 remote controller
		Optional extension cable
	RS-232	1 M12 connector for PTZ, keyboard, POS, or GPS
	RS-485	2-pin for keyboard/PTZ control
Setup	Local	On screen setup via mouse and/or RS-485 keyboard

## Product Datasheet

### Vidistor HD-SDI 4 Channel

#### Specifications....continued

Setup	Remote	Setup & upload via Windows application software
	Multi-lingual	Yes
Reliability	System recovery	Auto power on after power loss recovery
	Watch Dog Timer	Yes
	Timer	Built-in real time clock
	Security	Multi-level password (4 levels, up to 18 accounts)
Weights & Measures	Dimension	TBC
	Weight	4.0 KG (without HDD) TBC
Power	Source	10 - 30 VDC
Operating	Temperature	0°C ~ +40°C
Certifications	Rail	EN50155 / EN5021 / EN61373
	Automotive	2004/108/EC - 95/54EC - EN61373
Built in PSU	Internal PSU	See Vidisafe Compact datasheet for full specification
Dimensions	W x H x D - 380mm x 145mm x 195mm	