VIDIWAVE
Wireless Mobile Video Solutions

www.vidiwave.com
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Vidiwave Limited
Unit 5, Beaufort Court, Roebuck Way,
Knowlhill, Milton Keynes. MK5 8HL

Product Datasheet   Part Code: 10-110-002-00

Vidistor Rail Professional
Ruggedised Mobile 8 Channel DVR with optional Live GPS tracking and Vehicle CAN-bus data

Key Features

- H.264 Compression (Main Profile)
- Realtime Recording at CIF per Channel
- Pentaplex Performance
- Dual Stream - Optimise Network Transfer Speed
- WiFi/3G Support
- ATM/POS Text Insertion display/record
- Transaction Data from ATM/POS
- User Friendly GUI - Flexible, Easy and Convenient
- Advanced CMS Software - convenient and versatile
- S.M.A.R.T: Self Monitoring Analysis & Reporting Technology
- Picture Quality: Utmost graphic respectively
  comparing its picture size
- Mobile View on 3G: MS Mobile 6.1 or 6.5/Android/iPhone
- EN50155 & 50121 Certified

Specifications

Software Features	Up to X 64 Channel Display
	Remote Multi-site Control
	Remote PTZ Control
	Health Check System
	Remote Setup (Configuration)
	Remote Event Search Engine
	Remote Date/Time Search Engine
	2-Way Audio (Bi-Directional)

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Specifications.....continued

Software Features (Continued)	Local Recording (NVR Function) & Playback
	Local Playback
	WCS (Watermark Check System)
	AVI Converter
	E-MAP
	Remote S/W Upgrade
	Estimator (Calculate the Estimated Time of Recording)
	Multi-Channel Display
	PTZ Control
	Live Monitoring
	Freeze Function
Rail Certifications	EMC - EN 50121-2-3 2006 / EN50155 / EN61375
Operating System Embedded Linux	OS Firmware Linux OS in Flash Memory
NTSC/PAL Selectable	Video Input Composite: 4 / 8 or 16 BNC Inputs
Main Monitor Output	1 BNC
Spot Output	1 BNC
Max Recording Rate at CIF (FPS)	480 (NTSC) / 400 (PAL)
Audio Input	1 (RCA)
Audio Output	1 (RCA)
Ethernet	10/100 Mbps RJ-45
Network Bandwidth Control	26 kbps - Unlimited
Video Stream	Dual
Alarm Input	2 (TTL) Programmable as NC/NO
Alarm Output	2 (TTL) Programmable as NC/NO
USB Interface	2 x Front Panel (Mouse / Backup)

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Specifications.....continued

Search	Date/Time, Calendar, Event
User Interface (GUI/Control Device)	Keyboard, Mouse, PTZ Control
Archive File Format	AVI, MPG, DIVX, H264, JPG2000
NTP Server	YES
GMT Time Zone	YES
Auto DST	YES
Recording Quality	Super / High / Standard (D1 / Half D1 / CIF)
Recording Modes	Continuous / Alarm / Motion / Emergency
Pre-Alarm Recording	YES - User Programmable - Pre and Post Alarm
Motion Detection	YES - 22 x 15 Zones per Camera
Playback Control	x1, x2, x4, x8, x16, x32, x64
PTZ Control	YES - 1 RS-485/422 Serial Port
Preset Touring	YES (PTZ Support Dependant)
POS / ATM Support	1 + 2 (Optional)
Multi-Language, 3G Communication, S Mobile	YES - (Windows 6.1 or higher) / Android / Blackberry / iPhone *3G VFN Support partially Supported
Primary Storage	1 eSATA HDD
Clip Copy Storage	DVD-RW, Memory Stick
Dimensions (W x H x D)	* Model Dependant

Integrated Power Distribution Unit

		Function	Balanced Wide Ranged Supply	
Input Power			20-30VDC	60 Watts
Max Output Current			7A	± 5%
Output Power				
	DVR	Out 1	12V	± 5%
	Camera	Out 2	12V	± 5%
	Camera	Out 3	12V	± 5%

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Integrated Power Distribution Unit....continued

	Function		Protected Device	
Output Power	Camera	Out 4	12V	± 5%
	Camera	Out 5	12V	± 5%
	Camera	Out 6	12V	± 5%
	Camera	Out 7	12V	± 5%
	Camera	Out 8	12V	± 5%
	Camera	Out 9	12V	± 5%
Output Current				
	DVR	Out 1	2,5A	± 5%
	Camera	Out 2	0,2A	± 5%
	Camera	Out 3	0,2A	± 5%
	Camera	Out 4	0,2A	± 5%
	Camera	Out 5	0,2A	± 5%
	Camera	Out 6	0,2A	± 5%
	Camera	Out 7	0,2A	± 5%
	Camera	Out 8	0,2A	± 5%
	Camera	Out 9	0,2A	± 5%
Spike / Load Dump Protection	Input		Yes	33VDC Limiter
Short Circuit Proof	Output		Yes	
Negative Input Power Proof	Input		Yes	
Fuse Type	Output		Resettable PTCs	
LED Indication	Version / S		No	
	Version / L		Yes	Power Health / DVR Health / HDD Health / Camera Health
Delayed Start Up			Yes	
Delayed Turn Off			Yes	
Wiring Options	C	Colour coded cable		
	B	Cable to break-out box wth terminal connections		
	L	Pre-wired loom side wiring with binder connector to DVR		