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

Product Datasheet

Part Code: WIMS-VPN-3G-WLAN

WIMS Client Module - Automotive

Wireless Intelligent Monitoring System

Key Features

- Zero Config
- Ultra Secure P2P VPN Technology protects 3G / CDMA
 / WLAN and LAN to (AES-256) Mil-Spec standards
- Built on Embeded Linux OS for robustness and reliability
- 4GB Solid state compact flash memory
- Supports fixed IP multi-port addressing via DHCP sim cards
- PUSH Diagnostics / Alerts and Exception Reporting direct to your Maintenance Provider
- Embedded Linux Remote Agent syncs information to a Headend Server to give instant Fault Visability and Reporting via 3G and WLAN
- Supports Full Video Management including Playback / Preview and Backup via GPRS / 3G and WLAN
- Integrated Video Backup to a Secure Web-Based Video Vault with Video Sharing Feature for secure CCTV Evidence Distribution



Specifications

Additional Features	Simple access to WIMS set up / management interface via Secure Web-Portal using any Browser	
	Supports Health Checking to other Legacy CCTV Systems**	
	Supports Wake-on-LAN	
	Supports all cellular technologies	
	Supports both 2.4 and 5 GHz WLAN networks	
	Full Mesh Networking acts as a repeater / mesh / booster in a multi device network	
Physical Dimensions: (W x H x D)	200mm x 165mm x 30mm	



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Specifications.....continued

Wireless Modules	Enterprise Class Wireless LAN - via Mini PCI	802.11a/b/g (up to 108Mbs) - Supports all 2.4 & 5GHz WLAN	
		Up to 4 Watts Transmit Power - External Range up to +500m (5 GHz)	
		Advanced WLAN Security - WEP WPA AES, WPA2 (IEEE 802.11i), (IEEE 802.1x Authentication)	
		Additional support for 802.11 d, h, i, j including Mul- ti-Country Roaming	
		DFS/TPC: Dynamic Frequency Selection/Transmit Power Control for 5 GHZ Mobile Fleet Operation in Ground Radar Areas like Airports	
		Support for 802.11e, the QOS Standard for Wireless Multimedia Enhancements	
	Mobile - via Mini PCI	Support for Third Generation (3G) - Digital Cellular Standards Compliant	
		Global Support for Quad-Band EDGE / GPRS / GSM / CDMA - 850/900/1800/1900 Mhz	
		Supports Tri-Band UMTP / 4G / LTE	
		Peak Download Speed up to 7.2 Mbps*	
		Peak Upload Speed up to 2.0 Mbps*	
		Supports Dual Antenna Diversity for Improved Performance	
Data / Failure Monitoring Options	TCP/IP Network Serial Bus, WLAN 5 GHz HDD, WLAN 2.4 GHz Processor Health, USB Devices, Remote, Work- stations, Managed HUB / ADSL routers - Via push diagnostics engine to cloud based condition monitoring and alerting server - (VidimonIQ)		
Main PCB Specification	Operating System Custom Embedded Linux		
	CPU 500Mhz AMD Geode LX800 DRAM 256Mb DDR DRAM		
	Storage 4Gb SLC Compact Flash OS and Samba		
	Power DC Jack or Passive POE, 7VDC to 20VDC		
	Connectivity 2 Ethernet Channels (via VT6105M 10/ 100)		
	I/O DB9 Serial Port, Dual USB port		
	Supports POE via Vidiwave bespoke Injector		
Built-in VPN Technology	AES-256 (Advanced Encryption Standard) compliant on all comminucations. (Cellular, LAN, WAN, WLAN)		
	AES-256 runs 14 simultaneous cycles for 256-Bit keys, delivering the highest standard of network data encryption currently available		
	AES-256 is the encryption standard adopted by the US government		
	AES-256 fully complies with the ISO/IEC 18033-3 standard		
	AES-256 is used by NSA and other sucurity agencies worldwide with "Top Secret" encryption requirements		
	Peer-to-peer direct connection technology for inscreased speed and security		
	VPN Supports RDP / VNC / Telnet / SSH / FTP / SFTP and WOL over 3G + WLAN		
	* Network provider dependant	Page 2 / 2	