

Product Datasheet

Part Code: WIMS-AP-IP65

IP66 WIMS Access Point - Depot / Garage

WLAN / 3G Module Wireless Intelligent Monitoring System

Key Features

- IP66 Rated enclosure
- 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
- Remote Health Checking of Depot WLAN System via GPRS / 3G and ADSL
- Supports fixed IP 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
- 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 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 D x H	220mm x 220mm x 85mm	



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Specifications.....continued

WLAN Up to 4 Watts Transmit Power - External Range up to +500m (5 GHz)				
#500m (5 GHz) Advanced WLAN Security - WEP WPA AES, WPA2 (IEEE 802.11x), (IEEE	Wireless Modules	Enterprise Class Wireless LAN - via Mini PCI	$802.11a/b/g$ (up to $108 Mbs)$ - Supports all $2.4 \& 5 GHz \ WLAN$	
802.11), (IEEE 802.1x Authentication) Additional support for 802.11 d, h, i, jincluding Multi-Country Roaming PESTPFC: Dynamic Frequency Selection/Transmit Power Control for 5 GNZ Mobile Fleet Operation in Ground Radar Areas like airports Support for 802.11e, the QOS Standard for Wireless Multimedia Endearements Mobile - via Mini PCI Support for Third Generation (3G) - Digital Cellular Standards Compiliant 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			·	
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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 7802.11e, 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 Mbz Supports Thi-Band UMTP / 4G / LTE Peak Download Speed up to 7.2 Mbps* Peak Upload Speed up to 7.2 Mbps* Peak Upload Speed up to 2.0 Mbps* Supports Dual Antenna Diversity for Improved Performance TCP/IP Network Serial Bus, WLAN 5 GHz HDD, WLAN 2.4 GHz Processor Health, USB Devices, Remote, Workstations, 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, 7/DC to 20/DC Connectivity 2 Ethernet Channels (via VT6105M 10/100) I/O D89 Serial Port, Dual USB port Supports POE via Vidiwave bespoke Injector Built-in VPN Technology AES-256 funs 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 is the encryption standard adopted by the US government AES-256 is used by NSA and other sucurity agencies worldwide with "Top Secret" encryption requirements Peer-to-peer direct connection technology for increased speed and security				
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^{*} Network provider dependant