WIRED BROADCAST

mediaport™ DORIS

An integrated video surveillance solution with Viprinet® bonded cellular backhaul. Comprising Vemotion video encoders on an industrial PC, DORIS bonds 4 4G/3G networks and 1 Ethernet WAN and includes HD-SDI, PAL/NTSC, and IP camera inputs, assignable serial and GPIO, and encrypted internal storage. Like Mediaport R, DORIS is ruggedised, IP67 rated, and can be powered by direct-mount MBITR batteries, external mains, or DC. Available in black anodised finish or a range of Cerakote® coatings to special order.

technical specifications

ENCLOSURE	Portable, Ruggedised	WAN BUILT-IN MODULES	1 x Gigabit Ethernet (Amphenol MRJ-series RJ-45), 4 x LTE
DIMENSIONS	186 x 191 x 76 mm (7.32 x 7.5 x 3 in)	W-LAN ACCESS POINT	2.4 & 5 GHz Dual Band 802.11a/b/g/n
WEIGHT	3 kg (6.6 lb)	GPS	L1 band with 1.57 GHz
ENVIRONMENTAL RATING	IP67	SIM CARD HOLDERS	4 integrated beneath screw-on cover
WORKING TEMPERATURE	-19°C to +49°C (-2.2°F to 120.2°F)	SNMP BASIC/EXTENDED	Basic included, Extended optional
POWER RATING	12–24 VDC, 3A max	BONDING CAPACITY	45 Mbps
POWER SUPPLY	100–240V AC mains adaptor (included) External 12–24V DC (Lemo connector) 2 x Direct-mount AN/PRC148 battery (not included)	REC #LAN USERS	10
		ANTENNA CONNECTORS	4 x SMA for LTE/DC-HSPA+ MAIN antenna 4 x SMA for LTE/DC-HSPA+ AUX antenna 2 x SMA for WLAN antenna 1 x SMA for GPS antenna
BATTERY TYPE	2 x Twist-Lock MBITR AN/PRC148 battery		

industrial pc

ENCODERS	2 x Vemotion VB01	FREQUENCY BANDS	**US & CANADA VERSION** LTE-FDD Band 2/4/5/13/17/25 (1900/AWS/850/700/700/1900 MHz) HSPA+/UMTS Band 1/2/4/5/8 (2100/1900/AWS/850/900 MHz) CDMA/EV-DO Band BC0/BC1/BC10 (800/1900/1700 MHz) GSM/GPRS/EDGE (850/900/1800/1900 MHz) **REST OF THE WORLD VERSION** LTE-FDD Band 1/3/7/8/20 (2100/1800/2600/900/800 MHz) HSPA+/UMTS Band 1/2/5/8 (2100/1900/850/900 MHz) GSM/GPRS/EDGE (850/900/1800/1900 MHz)
VIDEO INPUTS	1 x HD-SDI 2 x PAL/NTSC (Amphenol TNC connector) IP camera(s) optional (Amphenol MRJ-series RJ-45)		
PROCESSOR	Intel Atom E3845 quad core with H264 hardware acceleration 2M cache 1.91 GHz Win10 IoT		
		SECURITY	AES 256-bit CBC, 2048-bit RSA key with SHA256 certificates TLS 1.2 Diffie-Hellman key exchange with elliptic curves (Perfect Forward Secrecy) VPN Hub public key fingerprinting All internal services protected with ACLs
STORAGE	250GB mSATA		
INTERFACE	2 x Ethernet (Amphenol MRJ-series RJ-45)		
I/O	2 x Lemo 8-pin connector can be configured for RS232/422/485, GPIO, USB	INCLUDED ACCESSORIES	Universal mains power supply 8 x direct-mount antenna for LTE 2 x direct-mount antenna for WLAN 1 x direct-mount antenna for GPS 11 x SMA cover

*Specifications subject to change without notice.