



WIRED BROADCAST

mediaport™ R

A ruggedised IP67-rated device that bonds up to 5 connections: 4 4G/3G and 1 Ethernet WAN. Compact and lightweight at 1.2 kilograms (2.65 pounds), Mediaport R can be powered by mains, external DC, or direct-mount MBITR batteries. When fitted with 2 6.8Ah batteries, Mediaport R will operate for up to 12 hours. Available in black anodised finish or a range of Cerakote® coatings to special order.



technical specifications

ENCLOSURE	Portable, Ruggedised
DIMENSIONS	186 x 154 x 44 mm (7.32 x 6.06 x 1.73 in)
WEIGHT	1.2 kg (2.65 lb)
ENVIRONMENTAL RATING	IP67
WORKING TEMPERATURE	-19°C to +49°C (-2.2°F to 120.2°F)
POWER RATING	12–24 VDC, 2A max
POWER SUPPLY	100–240V AC mains adaptor (included) External 12–24V DC (Lemo connector) 2 x Direct-mount AN/PRC148 battery (not included)
BATTERY TYPE	2 x Twist-Lock MBITR AN/PRC148 battery

LAN INTERFACE	Gigabit Ethernet
WAN BUILT-IN MODULES	1 x Gigabit Ethernet (Amphenol MRJ-series RJ-45), 4 x LTE
W-LAN ACCESS POINT	2.4 & 5 GHz Dual Band 802.11a/b/g/n
GPS	L1 band with 1.57 GHz
SIM CARD HOLDERS	4 integrated beneath screw-on cover
SNMP BASIC/EXTENDED	Basic included, Extended optional
BONDING CAPACITY	45 Mbps
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
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)
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
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.

