



RAPID DEPLOY

Model RapidOne – PRODUCT SPECIFICATIONS

TECHNICAL

Battery Type	AGM Sealed
Battery Bank Capacity	288 Ah (10 Ah rate)
Battery Bank Voltage	24 VDC (12 cell)
Solar Peak Power	400 Watts (600 watt version available)
Solar VOC Open Circuit	44.8 VDC
Solar Charge Controller	MPPT

PHYSICAL HARDWARE

Dimensions	44" x 51" x 89.7" Mast Retracted 44" x 51" x 231.7" Mast Deployed
Weight	Approximately 900 lbs.
Material	Galvanized Steel, Stainless Steel, Aluminum

WAN

Options	Cellular Point to Point Point to Multipoint Terrestrial
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LAN

Copper Ports	10/100/1000Base-T (six ports standard)
Optical	SFP Ports (two ports standard)
Supported Fiber SFP Modules	1000Base-T / 1000Base-SX / 1000Base-LX

ETHERNET SWITCHING

Manufactured and Assembled	North America
Power Input	9-72 VDC
Processor	MIPS 24K 416 MHz
System Memory	128 MB
Flash Storage	16 MB
Total Non-Blocking Line Rate	14 Gbps
Certifications	CE, FCC, IC
Operating Temperature	-25 to 55°C (-13 to 131° F)
Operating Humidity	5 to 95% Non-Condensing
Console Port	RS-232
PoE Out Voltage Range	48-50 VDC / 22-24 VDC
Passive PoE Current Sensors Per Port	YES
ESD Rating	24 kV Air / 24 kV Contract

WIFI

Access Point	Optional
Frequency Bands	2.4 GHz: 2.4 - 2.4835 GHz Channels 1 - 13 (ETSI/CE) Channels 1 - 11 (US) 5 GHz: 5.15 - 5.85 GHz
SSID Security	WPA-2 (802.11i): WPA2-Enterprise (802.1x/EAP) WPA2-Preshared-keys, Open
MAX SSID	16
MAX Concurrent Clients	256
MAX Range	Client: 213 m (700 Ft); Actual range will vary based on local RF Conditions & client capability Mesh: 2.4 GHz: 3,000 m (9840 Ft.) / 5 GHz: 1,500 m (4,900 Ft.)
MAX Data Rates	1.01 Gbps
Ethernet Ports	Dual Gigabit Ethernet ports (2 x 10/100/1000Base-T)
Antenna	Dual polarized. 2x2 MIMO. Integrated Sector antenna
Antenna Gains	10.5 dBi on 2.4 GHz 13 dBi on 5 GHz
Transmit Power	29dBm @ 2.4 GHz 28dBm @ 5 GHz
Operating Temperature	-30C ~ +60C

PHYSICAL SECURITY

Steel Door Bar	Lock assembly
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