

								
USE CASES								
Target Markets	Field Service Energy Automatic Vehicle Location (AVL) Infrastructure	Public Safety Field Service Mobile Data	Public Safety Field Service Mobile Data	Automatic Vehicle Location (AVL) Mobile Resource Management (MRM)	Infrastructure Utilities Sales and Payment Networking	Infrastructure Sales and Payment Security Networking	Utilities Automation	Sales and Payment Networking Infrastructure
Applications	Field Force Automation Point of Sale Security Surveillance Digital Signs Business Continuity	Field Force Automation Mobile Office Fleet Management Mobile Hotspot	Field Force Automation Mobile Office Fleet Management	Fleet Management Asset Tracking Vehicle Telemetry	Point-of-Sale Vending / Kiosks Video Surveillance Remote Monitoring/Control	Point-of-Sale Vending / Kiosks Video Surveillance Banking / ATM Business Continuity	Energy Management Industrial Automation SCADA / Telemetry Intelligent Traffic Systems	Wireline Replacement Business Continuity Multiple Point-of-Sale Groups of Kiosks/Vending Video Surveillance
WIRELESS TECHNOLOGIES (all devices have fallback to earlier technologies)								
2G GPRS	•			•			•	
3G	HSPA	•	•	•	•	•	•	•
	CDMA EV-DO	•	•	•	•	•	•	•
PRODUCT FEATURES								
Connection Status	4 LED Indicators	4 LED Indicators	6 LED Indicators	3 LED Indicators	5 LED Indicators	4 LED Indicators	4 LED Indicators	7 LED Indicators
Reset Button	•	•	•	•	•	•	•	•
Machine Protocols	•	•	•	•	•	•	•	•
GPS	•	•	•	•	•	•	•	•
Operating Temperature	-30°C to +70°C	-30°C to +70°C	-30°C to +70°C	-30°C to +70°C	-30°C to +70°C	-30°C to +70°C	-30°C to +70°C	0°C to +50°C
Power Consumption	80 mA	Non Wi-Fi: 165 mA* Wi-Fi: 240 mA*	330 mA*	250 mA*	235 mA*	110 mA*	350 mA*	380 mA*
Low Power Mode	•	•	•	•	•	•	•	•
Input Voltage	9 - 36 V DC	9 - 36 V DC	9 - 28 V DC	9 - 28 V DC	9 - 28 V DC	9 - 28 V DC	9 - 28 V DC	7 - 20 V DC
Wi-Fi		802.11 b/g (optional)						802.11 b/g (optional)
Class I Div 2 MIL Standard	•		•	•	•	•	•	•
CONNECTIONS								
Serial	RS-232	DB9	DB9	DB9 (optional)	DB9		DB9	
Ethernet	10/100	10/100	10/100		10/100	10/100		10/100 - Qty 2
USB	USB on the Go	Type B	Type B	2.0 Mini B-5		2.0 Mini B-5	2.0 Mini B-5	2.0 Type A - Qty 2
I/O Ports	1 Digital	2 Digital I/Os 2 Digital Inputs 4 A/D Inputs	4 Digital Inputs 4 A/D Inputs 2 Digital Outputs	6 Digital I/Os 4 A/D Inputs		1 Digital Input 1 Digital Output	1 Digital Input 1 Digital Output	
ANTENNA TYPES								
RF	SMA	TNC	SMA	SMA	SMA	SMA	SMA	
Rx Diversity	SMA	SMA		SMA	SMA		SMA	
GPS	SMA	SMA	SMA					
SECURITY								
IPsec VPN	•	•	•	•	•	•	•	•
Firewall	•	•	•	•	•	•	•	•
WPA/WPA2-ENT	WPA/WPA2 only	•						•
ROUTING								
Port Filtering	•	•	•	•	•	•	•	•
NAT	•	•	•	•	•	•	•	•
DHCP	•	•	•	•	•	•	•	•
GRE	•	•	•	•	•	•	•	•
WAN Failover								•
Port Forwarding	•	•	•	•	•	•	•	•
VLAN/VRRP	•							•
SNMP	•	•	•	•	•	•	•	
SOFTWARE FEATURES								
ALEOS™ Intelligence	•	•	•	•	•	•	•	•
Remote Management	•	•	•	•	•	•	•	•
Events Reporting	•	•	•	•	•	•	•	•
Remote Diagnostics	•	•	•	•	•	•	•	•
AVL Support	•	•	•	•	•	•	•	•
Warranty	3 Year	3 Year	3 Year	1 Year	3 Year	1 Year	1 Year	3 Year

* Based on typical test scenarios, actual performance may vary ** Raven X + PinPoint X are available only in North America