

# Product Comparison

		MP 597/890	PinPoint X	PinPoint XT	Raven X		Raven XT
<b>USE CASES</b>							
Target Markets		Public Safety Field Service Mobile Data	Public Safety Field Service Mobile Data	Automatic Vehicle Location (AVL) Mobile Resource Management (MRM)	Infrastructure Utilities Broadband Concentrator		Utilities Automation
Applications		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		Industrial Management SCADA / Telemetry Intelligent Traffic Systems
<b>WIRELESS TECHNOLOGIES</b>							
2G	GPRS			•			•
3G	HSPA	•					
	CDMA EV-DO Rev A	•	•	•	•	•	•
<b>PRODUCT FEATURES</b>							
Connection Status LED Indicators		4 LED Indicators	6 LED Indicators	3 LED Indicators	5 LED Indicators		4 LED Indicators
Reset Button		•	•	•	•	•	•
Serial Connection		DB9	DB9	DB9 (opt)	DB9		DB9
Ethernet Connection		10/100	10/100		10/100		
Machine Protocols					•	•	•
USB Connection		Type B	Type B	2.0 Mini B-5		2.0 Mini B-5	2.0 Mini B-5
I/O Ports		4 Digital/ 4 Analog	4 Digital/ 4 Analog/ 2 Relay	3 Digital/ 4 Analog/ 2 Relay			2 Digital
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
Power Consumption (Typical/Max)		Non Wi-Fi: 165/325 mA Wi-Fi: 240/400 mA	TBD	140/250 mA	239/270 mA	110/250 mA	TBD
Low Power Mode		•	•	•			
Input Voltage		9 - 36 V DC	9 - 28 V DC	9 - 28V DC	9 - 28V DC	9 - 28V DC	9 - 28V DC
Wi-Fi		802.11 b/g (optional)					
Class I Div 2					•	•	•
MIL Standard		810-F, SAEJ1455	810-F	810-F	810-F	810-F	810-F

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<b>ANTENNA TYPES</b>						
RF	TNC	TNC	SMA	SMA	SMA	SMA
Rx Diversity	SMA	SMA		SMA	SMA	SMA
GPS	SMA	SMA	SMA			
<b>SECURITY</b>						
IPsec VPN	•	•	•	•	•	•
Firewall	•	•	•	•	•	•
WEP/WAP/WPA2-ENT	•					
<b>ROUTING</b>						
Port Filtering	•	•	•	•	•	•
NAT	•	•	•	•	•	•
DHCP	•	•	•	•	•	•
GRE	•	•	•	•	•	•
<b>SOFTWARE FEATURES</b>						
ALEOS Intelligence	•	•	•	•	•	•
Remote Management	•	•	•	•	•	•
Events Reporting	•	•	•			
Remote Diagnostics	•	•	•	•	•	•
AVL Support	•	•	•			
ACEware	•	•	•	•	•	•
Warranty	3 year	3 year	1 year	3 year	1 year	1 year
<b>WIRELESS NETWORKS</b>						
North America	•	•	•	•	•	•
Asia Pacific *	•	•	•	•	•	•
Europe *	•	•	•	•	•	•
South America *	•	•	•	•	•	•

\* Please contact sales representative for details regarding availability for region

