

Department of Administration Purchasing Division 2019 Washington Street East Post Office Box 50130 Charleston, WV 25305-0130

# State of West Virginia Solicitation Response

Proc Folder:	764540				
Solicitation Description:	ADDENDUM #1				
Proc Type:		63210000 AT&T FirstNet Compatible Cellular Wire Agency Purchase Order			
Solicitation Closes		Solicitation Response	Version		
2020-09-16 14:30		SR 0803 ESR09152000000001876	1		

VENDOR					
VS0000017494 WIRELESS INVESTORS	SLLC				
Solicitation Number:	ARFQ 0803 DOT210000006				
Total Bid:	12180	Response Date:	2020-09-15	Response Time:	13:13:15
Comments:					

FOR INFORMATION CONTACT THE BUY Tina L Lewis 304-414-6859 tina.I.Iewis@wv.gov	/ER		
Vendor Signature X	FEIN#	DATE	

All offers subject to all terms and conditions contained in this solicitation

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	AT&T FirstNet Compatible Cellular Wireless Router	12.00000	EA	768.000000	9216.00

Comm Code	Manufacturer	Specification	Model #	
43222609				

Commodity Line Comments: Pricing includes RV55 router and AirLink Complete for new ALEOS devices with ALMS, technical support and hardware warranty up to 5 years

### Extended Description:

AT&T FirstNet Compatible Cellular Wireless Router for Traffic Signal System

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
2	Associate Power Supply for AT&T FirstNet Compatible Router	12.00000	EA	16.000000	192.00

Comm Code	Manufacturer	Specification	Model #	
39121004				

Commodity Line Comments: AC Adaptor, 12 VDC ES/GX/LS.MP/RV/LX

### **Extended Description:**

Associate Power Supply for AT&T FirstNet Compatible Cellular Wireless Router for Traffic Signal Systems

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
3	Antenna for AT&T FirstNet Compatible Cellular Wireless Route	12.00000	EA	231.000000	2772.00

Comm Code	Manufacturer	Specification	Model #	
43221727				

Commodity Line Comments: 2x LTE, GNSS, (1+1)WiFi, 2.4/5GHz, Bolt Mount, 5m, Black

#### Extended Description:

Antenna for AT&T FirstNet Compatible Cellular Wireless Router for Traffic Signal

### AGENCY SOLICITATION NUMBER-ARFQ DOT210000006 Addendum Number: 1

The Purpose of this addendum is to modify the solicitation identified as ("Agency Solicitation") to reflect the change(s) identified and described below.

Applicable Addendum Category:

- [] Modify bid opening date and time
- [] Modify specification of product or service being sought
- [] Attachment of pre-bid sign-in sheet
- [X] Attachment of vendor questions and responses
- [] Correction of error
- [] Other

Description of Modification to Solicitation:

To answer vendor questions

Additional Documentation: Documentation related to this Addendum (if any) has been included herewith as Attachment A and is specifically incorporated herein by reference.

Terms and Conditions:

- 1. All provision of the Agency Solicitation and other addenda not modified herein shall remain in full force and effect.
- 2. Vendor should acknowledge receipt of all addenda issued for this Agency Solicitation by completing an Addendum Acknowledgement, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

# ATTACHMENT A

Revised 6/8/2012

FirstNet Modems (63210009) Addendum #1 ARFQ DOT210000006

### **Question #1**

Should NetCloud Essentials be included in the Mobile Router solution and for how many years.

### Answer #1:

Yes and for (5) five years.

### ADDENDUM ACKNOWLEDGEMENT FORM

### **SOLICITATION NO.:**

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification. Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received: (Check the box next to each addendum received)

[] Addendum No. 1	[] Addendum No. 6
[] Addendum No. 2	[] Addendum No. 7
[] Addendum No. 3	[] Addendum No. 8
[] Addendum No. 4	"[] Addendum No. 9
[] Addendum No. 5	"[] Addendum No. 10

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

Company

Authorized Signature

Date

NOTE: This addendum acknowledgement should be submitted with the bid to expedite document processing.

# STATE OF WEST VIRGINIA Purchasing Division PURCHASING AFFIDAVIT

**CONSTRUCTION CONTRACTS:** Under W. Va. Code § 5-22-1(i), the contracting public entity shall not award a construction contract to any bidder that is known to be in default on any monetary obligation owed to the state or a political subdivision of the state, including, but not limited to, obligations related to payroll taxes, property taxes, sales and use taxes, fire service fees, or other fines or fees.

ALL CONTRACTS: Under W. Va. Code §5A-3-10a, no contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

**EXCEPTION:** The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. Code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

#### DEFINITIONS:

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Employer default" means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

"Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceed five percent of the total contract amount.

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that: (1) for construction contracts, the vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

### WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: Ensemble Solution	s Group		
Authorized Signature:			-
State of Aritang	-		
County of Manager, to-wit			
I Taken, subscribed, and sworn to before me t		ptember, 2010.	
My Commission expires <u> </u>	, 20 <u>(</u>	22	
AFFIX SEAL HERE TATE A WHEELER Notary Public - Adzona	NOTARY	PUBLIC	_
Maricopa County Commission # 547592 My Commission Expires June 90, 2022		Purchasing Affidavit (Revised 01/19/201	8)







### Sierra Wireless AirLink® Antenna: 5-in-1 Dome

The 5-in-1 Dome is a custom single antenna solution for the RV55 Dual Wi-Fi, tested and certified for mobile application.

The antenna has a low-profile design that contains five isolated high performance antenna elements in a single housing for optimal coverage; two ultra-wideband elements spanning 617-6000MHz; a high performance GNSS antenna with an integrated 26dB gain LNA; and two dual band 2.4/5GHz omni-directional Wi-Fi elements.

PART NO.       6001275         ELECTRICAL DATA       6001275         Frequency Range       3G/4G Elements       617-960MHz / 1710-6000         Vii-Fi Elements       2.4/4.9-6GHz       4dBi         Peak gain: Isotropic*       3G/4G Elements       617-960MHz       4dBi         Wi-Fi Elements       3G/4G Elements       9dBi       9dBi         Vii-Fi Elements       2.4 GHz       9dBi       9dBi         SG/4G Elements       > 15dB       9dBi       9dBi         SG/4G Elements       > 15dB       15dB       15dB         Typical Efficiency       3G/4G Elements       > 50%       15dB         Vii-Fi Elements       > 70%       15dB       15dB         Correlation Co-efficient       3G/4G Elements       > 50%       15dB         Pattern       Omni-directional       500       15dB			Specification	
Frequency Range3G/4G Elements617-960MHz / 1710-6000Wi-Fi Elements2.4/4.9-6GHzPeak gain: Isotropic*3G/4G Elements617-960MHz4dBi 1710-3800MHzWi-Fi Elements2.4 GHz9dBi 4900-6000MHz9dBiSG/4G Elements2.4 GHz9dBi 4.9-6.0GHz9dBiIsolation*3G/4G Elements> 15dBTypical Efficiency3G/4G Elements> 50%Wi-Fi Elements> 70%Correlation Co-efficient3G/4G ElementsPattern0mni-directional	PART NO.		6001275	
Frequency RangeWi-Fi Elements2.4/4.9-6GHzPeak gain: Isotropic*3G/4G Elements617-960MHz4dBi 1710-3800MHz8dBi 9dBiWi-Fi Elements2.4 GHz9dBi 9dBiLisolation*3G/4G Elements> 15dBWi-Fi Elements> 18dBTypical Efficiency3G/4G Elements> 50%Wi-Fi Elements> 70%Correlation Co-efficient3G/4G Elements<	ELECTRICAL DATA			
Peak gain: Isotropic*3G/4G Elements2.4/4.9-6GH2Wi-Fi Elements3G/4G Elements617-960MHz4dBi4900-6000MHz9dBi2.4 GHz9dBi4.9-6.0GHz9dBi9dBi3G/4G Elements> 15dB1solation*3G/4G Elements> 15dBTypical Efficiency3G/4G Elements> 50%Wi-Fi Elements> 70%Correlation Co-efficient3G/4G Elements9d4G Elements> 20%0mni-directional	Frequency Pange	3G/4G Elements	617-960MHz / 1710-	6000
Peak gain: Isotropic*3G/4G Elements1710-3800MHz 4900-6000MHz8dBi 9dBiWi-Fi Elements2.4 GHz 4.9-6.0GHz9dBi 9dBiIsolation*3G/4G Elements> 15dBWi-Fi Elements> 18dBTypical Efficiency3G/4G Elements> 50% Wi-Fi ElementsCorrelation Co-efficient3G/4G Elements<	Frequency Range	Wi-Fi Elements	2.4/4.9-6GHz	
Wi-Fi Elements2.4 GHz 4.9-6.0GHz9dBi 9dBiIsolation*3G/4G Elements Wi-Fi Elements> 15dB > 18dBTypical Efficiency3G/4G Elements Wi-Fi Elements> 50% > 70%Correlation Co-efficient3G/4G Elements 3G/4G Elements> 0.2PatternOmni-directional	Deak gain: Isotronic*	3G/4G Elements	1710-3800MHz	8dBi
Isolation*Wi-Fi Elements> 18dBTypical Efficiency3G/4G Elements> 50%Wi-Fi Elements> 70%Correlation Co-efficient3G/4G Elements<0.2	reak gain isotropic	Wi-Fi Elements		
Wi-Fi Elements     > 18dB       Typical Efficiency     3G/4G Elements     > 50%       Wi-Fi Elements     > 70%       Correlation Co-efficient     3G/4G Elements     <0.2		3G/4G Elements	> 15dB	
Typical Efficiency     Wi-Fi Elements     > 70%       Correlation Co-efficient     3G/4G Elements     <0.2	Isolation*	Wi-Fi Elements	> 18dB	
Correlation Co-efficient     3G/4G Elements     <0.2		3G/4G Elements	> 50%	
Pattern Omni-directional	Typical Efficiency	Wi-Fi Elements	> 70%	
	Correlation Co-efficient	3G/4G Elements	<0.2	
Impedance 500	Pattern		Omni-directional	
	Impedance		50Ω	

\*Simulated off a groundplane and does not include cable attenuation

		Specification		
GPS/GNSS DATA Frequency Range		1562-1612MHz		
VSWR		<2.1 ± 4MHz		
Gain: LNA		26dB		
Typical Noise Figure		-2.7dB		
Operating Voltage		3-5V DC		
Typical Current		15mA		
MECHANICAL DATA	_			
	Height	80mm (3.1")		
Dimensions	Diameter	180mm (7.1")		
Operating Temp		-40°/+80°C(-40°/+176°F)		
Colour		Black		
Ingress Protection		ІРб9К		
MOUNTING DATA				
Mounting Type		Bolt Mount		
Mounting Hole		19mm (3/4")		
CABLE DATA	Туре	C32		
	Length	5m (16')		
Cell / LTE Cables	Termination	SMA (m)		
	Туре	C529		
	Length	5m (16')		
GPS Cable	Termination	SMA (m)		
	Туре	C32		
Wi-Fi Cables	Length	5m (16′)		
	Termination	RP-SMA Plug		

#### **About Sierra Wireless**

Sierra Wireless (NASDAQ: SWIR) (TSX: SW) is the leading IoT solutions provider that combines devices, network and software to unlock value in the connected economy. Companies globally are adopting IoT to improve operational efficiency, create better customer experiences, improve their business models and create new revenue streams. Whether it's a solution to help a business securely connect edge devices to the cloud, or a software/API solution to help manage processes associated with billions of connected assets, or a platform to extract real-time data to make the best business decisions, Sierra Wireless will work with you to create the right industry-specific solution for your next IoT endeavor. Sierra Wireless has more than 1,300 employees globally and operates R&D centers in North America, Europe and Asia.

For more information, visit www.sierrawireless.com.

Connect with Sierra Wireless on the IoT Blog at www.sierrawireless.com/iot-blog, on Twitter at @SierraWireless, on LinkedIn at www.linkedin.com/company/sierra-wireless and on YouTube at www.youtube.com/SierraWireless



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# EXHIBIT A

Item	Estimated	Unit of		UNSPC	Unit	Extended
Number	Quantity	Measure	Description	CODE	Price	Price
1	12	ea	AT&T FirstNet Compatible Cellular Wireless Router for Traffic Signal System	43222628	768.00	9216.00
2	12	ea	Associated Power Supply for AT&T FirstNet Compatible Cellular Wireless Router for Traffic Signal Systems	39121006	16.00	192.00
3	12	ea	Antenna for AT&T FirstNet Compatible Cellular Wireless Router for Traffic Signal Systems	43221723	231.00	2772.00
			GRAND TOTAL		$\rightarrow$	12,180.00







- Centrally managed, secure LTE broadband connectivity for remote fixed or vehicle applications in harsh environments
- Public safety agencies can quickly connect to critical equipment such as body cameras
- Ultra-Low Power consumption, ideal for solar or battery powered installations.
- Connect your field workers and devices with flexible dual Wi-Fi, and ethernet
- Reduces complexity in connecting legacy equipment with dual serial, ethernet, and multi-protocol support
- Powerful remote cloud-based or on-premises management solutions
- Proven reliability and over 3 million AirLink routers and gateways deployed
- Includes 1 year of AirLink Complete – network management, technical support, and extended warranty

### AirLink<sup>®</sup> RV55 Rugged LTE-A Pro Router

## Compact, Industrial Grade, Low Power LTE-Advanced Connectivity

The AirLink® RV55 is the industry's most rugged, compact, LTE-Advanced Pro router. Simple to install, and easy to manage, the RV55 router is designed to connect critical infrastructure, remote assets, and mobile fleets.

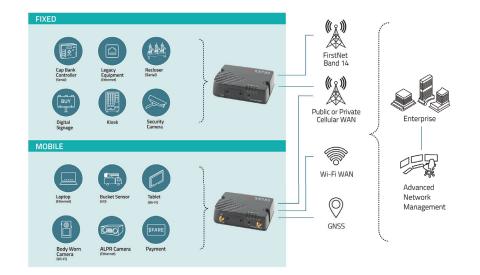
The RV55 is well suited for applications in public safety, energy, utilities, rail, ports, and smart cities.

## Pick the One That Suits Your Needs

The high-performance LTE-Advanced Pro RV55 has dual Wi-Fi radios and supports GNSS, FirstNet, and CBRS. It is ideal for public safety vehicles, commercial fleets, and mobile workforces. You can securely connect critical peripherals such as cameras and tablets.

The LTE variant is ideal for industrial applications connecting via Ethernet or Serial, such as SCADA and distribution management.

The LTE-M/NB-IoT variant is well-suited for remote or hard-to-reach locations with enhanced coverage.



	RV55				
	North America	ЕМЕА	North America	Global	Global
	LT	ΓE	LTE	LTE-A Pro	
LTE CATEGORY	Cat 4 (WP7610 WP7607	')	Cat 12 (EM7511 EM7565)		Cat M1/NB1 (WP7702)
Peak D/L	Up to 150 Mbps		Up to 600 Mbps		Cat-M1: 300kbps Cat-NB1: 27kbps
Peak U/L	Up to 50 Mbps		Up to 150 Mbps		Cat-M1: 375kbps Cat-NB1: 65kbps
4G LTE Frequency Bands	1900(B2), AWS(B4), 850(B5), 700(B12), 700(B13), 700(B17), 1700(B66)	2100(B1), 1800(B3), 2600(B7), 900(B8), 800(B20), 700(B28)	2100(B1), 1900(B2), 1800(B3), AWS(B4), 850(B5), 2600(B7), 900(B8), 1800(B9), 700(B12), 700(B13), 700(B14), 850(B18), 850(B19), 800(B20), 850(B26), 700(B29), 2300(B30), 1500(B32), TDD B41, TDD B42, TDD B43, TDD B46, CBRS B48,1700(B66)	2100(B1), 1900(B2), 1800(B3), AWS(B4), 850(B5), 2600(B7), 900(B8), 1800(B9), 700(B12), 700(B13), 850(B18), 850(B19), 800(B20), 850(B26), 700(B28), 700(B29), 2300(B30), 1500(B32), TDD B41, TDD B42, TDD B43, TDD B46, CBRS B48, 1700(B66)	2100(B1), 1900(B2), 1800(B3), AWS(B4), 850(B5), 900(B8), 700(B12), 700(B13), 700(B17), 850 (B18), 850(B19), 800(B20), 850(B26), 700(B28)
3G HSPA/HSPA+ Frequency Bands*	1900(B2), AWS(B4), 850(B5)	2100(B1), 900(B8)	2100(B1), 1900(B2), AWS(B4), 850(B5), 800(B6), 900(B8), 1700(B9), 850(B19)	2100(B1), 1900(B2), AWS(B4), 850(B5), 800(B6), 900(B8), 1700(B9), 850(B19)	
2G EDGE/GSM/GPRS					
Frequency Bands		900, 1800			850, 900, 1800, 1900
APPROVALS Regulatory	FCC, IC, PTCRB	GCF, CE	FCC, IC, PTCRB	FCC, IC, PTCRB, GCF, CE, RCM, IFT, Anatel	FCC, IC, PTCRB, GCF, CE, RCM
Carrier	Verizon, AT&T		Verizon, AT&T/FirstNet, US Cellular, Sprint, Telus	Verizon, AT&T, Telstra(Planned)	Verizon(Cat-M), AT&T(Cat-M)
PART NUMBER	1104335	1104337	1104303, 1104302 (Wi-Fi)	1104332, 1104331 (Wi-Fi)	1104333

\*For carrier-specific band support please refer to the hardware user guide.

	Specification		Specification		
HOST INTERFACES	10/100/1000 Ethernet (RJ45)	SATELLITE NAVIGATION	LTE-A Pro Variant: 30 Channel GPS and GLONASS Receiver		
	RS-232 serial port (DB-9)	(GNSS)	(Tracking Sensitivity: -160dBm)		
	USB 2.0 Micro-B Connector		LTE Variant: 48 Channel Dedicated GNSS Receiver (Tracking		
	3 SMA antenna (cellular, diversity, GNSS)		Sensitivity: -162 dBm)		
	2 RP-SMA antenna (1x1 Wi-Fi, Optional)		Accuracy: <2 m (50%), <5 m (90%), <0.2 m/s		
	LTE-M/NB-IoT: 1 SMA (cellular) only, no GNSS or Wi-Fi		Acquisition Time: 1s Hot Start		
	Active GPS antenna support		Reports: NMEA 0183 V3.0, TAIP, RAP, XORA		
WI-FI (Optional)	Dual Band 2.4/5GHz Wi-Fi		Multiple Redundant Servers Reliable Store and Forward		
	Dual Radio, 802.11 b/g/n/ac (Wave2 Client Mode)				
	Support for 10 clients, WPA2 Enterprise per radio	SECURITY	Remote Authentication (LDAP, RADIUS, TACACS+, DMZ)		
	Output power 16dBm		Inbound and Outbound Port filtering		
	Configurable as Dual Band Access Point (AP) or AP+Client		Inbound and Outbound Trusted IP		
	Mode		MAC Address Filtering		
	Single SSID Support per radio		PCI compatible		
	Captive Portal		Secure Firmware Update		
INPUT/OUTPUT	Configurable I/O pin on power connector Digital Input ON Voltage: 2.7 to 36 VDC Configurable Pull-up for dry contact input Digital Open Collector Output > sinking 500 mA Analog Input: 0.5-36 VDC	NETWORK MANAGEMENT	Secure mobile network & asset management application available in the cloud or licensed platform in the enterprise data center Fleet wide firmware upgrade delivery Router configuration and template management		
LAN (ETHERNET/USB)	DHCP Server		Router staging over the air and local Ethernet connection		
	IP Passthrough		Over-the-air software and radio module firmware updates		
	VI AN		Device Configuration Templates		
	VLAN Host Interface Watchdog PPPoE		Configurable monitoring and alerting		
			Remote provisioning and airtime activation (where applicable)		



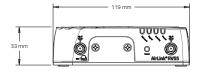
	Specification			Specification
SERIAL	TCP/UDP PAD Mode		ROUTER MANAGEMEN	JT ALMS
	Modbus (ASCII, RTU, Variable)			Local web user interface
	PPP			AT Command Line Interface (Telnet/SSH/Serial)
	DNP3 Interoperability			SMS Commands
	Dual Serial option (with an accessory	()		SNMP
NETWORK AND ROUTING	Network Address Translation (NAT)	Reliable Static Route	EVENTS ENGINE	Custom event triggers and reports
	Port Forwarding	Dynamic DNS		Configurable interface, no programming
	Policy Routing	Verizon PNTM		Event Types: Digital Input, Network Parameters, Data Usage,
	NEMO/DMNR	IPV6 Gateway		Timer, Power, Device Temperature and Voltage
	VRRP			Report Types: RAP, SMS, Email, SNMP Trap, TCP (Binary,
VPN	IPsec, GRE, and OpenVPN Client			XML, CSV)
VIIN	Up to 5 concurrent tunnels			Event Actions: Drive Relay Output
	Split Tunnel		ENVIRONMENTAL	Operating Temperature: -40°C to +70°C / -40°F to +158°F
	Dead Peer Detection (DPD)			Operating Temperature (Wi-Fi variant): -30°C to +70°C /
	FIPS 140-2 compatible			-22°F to +158°F Storage Temperature: -40°C to +85°C / -40°F to +185°F
APPLICATION	ALEOS Application Framework (AAF)			Humidity: 95% RH @ 60°C
FRAMEWORK	LUA Scripting Language			Military Spec MIL-STD-810G conformance to shock,
POWER				vibration, thermal shock, and humidity
POWER	Input Voltage: 7 to 36 VDC			IP64 rated ingress protection
	LTE Idle Power: 900mW (75 mA @ 1		INDUSTRY	Safety: IECEE Certification Bodies Scheme (CB Scheme),
	Standby Mode Power: 53 mW (4.4 m on low voltage, I/O or periodic timer	IA (@ 12 VDC) triggered	CERTIFICATIONS	UL 60950**
	Low voltage disconnect to prevent b	attory drain		Vehicle Usage: E-Mark (UN ECE Regulation 10.04),
	Built-in protection against voltage tr			Rail Usage: EN50155
	engine cranking and +200 VDC load	8		ISO7637-2, SAE J1455 (Shock & Vibration)
	Ignition Sense with time delay shutd			Hazardous Environments: Class 1 Div 2– Ambient temperatures of -30°C to +60°C
	Configurable features and ports to o			Environmental: RoHS, REACH, WEEE
	consumption			
DIMENSIONS	119 mm x 33 mm x 85 mm (102 mm including wi-fi connectors)		SUPPORT AND WARRANTY	Includes 1st Year AirLink Complete: • AirLink Management Service (ALMS)
	4.69 in x 1.34 in x 3.35 in (3.70 in inc	luding connectors)		Direct 24/7 Technical Support
	Weight: 320 g			<ul> <li>3-year standard warranty; optional 2-year warranty extension</li> </ul>
-				1-day Accelerated Hardware Replacement available through participating resellers
4	119 mm		ACCESSORIES	In the Box: DC Power Cable, and Quick Start Guide
				Other Accessories (sold separately):
, T				2000579 AC Adapter, 12VDC
33 mm				

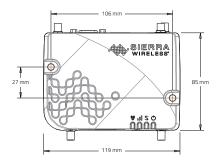
6000659 DIN Rail Bracket

For Antenna options visit: sierrawireless.com/antennas

\*\* Ambient temperatures of -30C to +60C









### **AirLink Networking Solution - Related Products**

AIRLINK NETWORK MANAGEMENT SOLUTIONS

#### **AIRLINK MANAGEMENT SERVICE (ALMS)**



- Secure, Cloud-based network and asset management
- Remotely deploy, configure, monitor and manage AirLink devices
- Carrier-grade, high availability, secure, global infrastructure

#### AIRLINK MANAGER / MOBILITY MANAGER (AM/AMM)



- Deployable in the enterprise data center (on-premises) or in the cloud
- Advanced, end-to-end network and asset management for both fixed and mobile networks.
- Remote, real-time configuration, control and troubleshooting of AirLink devices

### AIRLINK VPN APPLIANCE

### AIRLINK CONNECTION MANAGER



- VPN appliance built from the ground up for Airlink routers & gateways
- Simplify deployment and management of your VPN solution, extending the enterprise to the network edge for fixed and mobile endpoints
- Carrier agnostic ACM doesn't require fixed and/or public IP
- Compatible with FIPS 140-2, and always-on VPN capability

#### **About Sierra Wireless**

Sierra Wireless (NASDAQ: SWIR) (TSX: SW) is the leading IoT solutions provider that combines devices, network and software to unlock value in the connected economy. Companies globally are adopting IoT to improve operational efficiency, create better customer experiences, improve their business models and create new revenue streams. Whether it's a solution to help a business securely connect edge devices to the cloud, or a software/API solution to help manage processes associated with billions of connected assets, or a platform to extract real-time data to make the best business decisions, Sierra Wireless will work with you to create the right industry-specific solution for your next IoT endeavor. Sierra Wireless has more than 1,300 employees globally and operates R&D centers in North America, Europe and Asia.



For more information, visit www.sierrawireless.com.

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