

Autonomous Alarm Notification

SCADADroid R2A+

Full Feature Capability

\checkmark	Integrates with existing SCADA communications			
\checkmark	Remote access via VPN, MQTT and ReST			
\checkmark	Notify with onboard DI's and/or as ModbusTCP Master*			
\checkmark	Notifications with Text, Email and Voice (VoLTE)*			
~	Browser based configuration on smartphone, tablet, or PC			
\checkmark	Smartphone app for Android and iOS			
~	Unlimited phone/address book and shift schedule integration			
	8 on board Discrete Inputs, 1 Discrete Output			
\checkmark	2 Analog Inputs (0-20 mA, 4-20 mA, 0-10/20/30V)			
\checkmark	Reporting function (CSV, PDF, and JSON formatting)			
	*optional			

Applications

RESET

SERIAL

ETHERNET

6

CELL

1357+N

2468-0

+ -+

SCADADROID®





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AUTONOMOUS ALARM NOTIFICATION | SCADADroid® R2A+

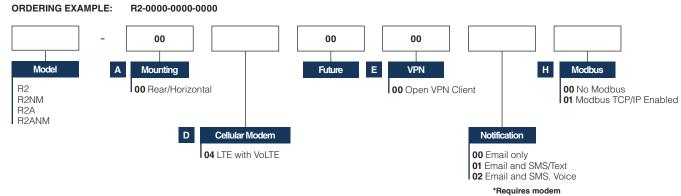
Technical Specification

DC INPUT RANGE	12-30 Volt DC	<u>L</u> Le	<u>ما</u>
AREA CLASSIFICATION	Class I, Div 2 cULus E515728		
PHYSICAL	Housing: Anodized Aluminum Dimensions: 4.06"/10.3cm (D) x 2.57"/6.5cm (W) x 2.69"/6.8cm (H) Weight: 12.9oz / 366g Input Connector: 8 Position Terminal Block Plug, Female Sockets 0.138" (3.50mm)		
A MOUNTING	Standard 35 mm DIN Rail mounting 00 Rear Mounted: HORIZONTAL RADIAL (Standard)		
B TEMPERATURE	- 40°F/-40°C TO 140°F/60°C		
C ANTENNA	1x Standard 50 mm GSM Antenna (Included) Connector: SMA Female		0 mm
D CELLULAR MODEM	04 LTE with VoLTE LTE Bands: B2(1900), B4 (1700), B5 (850), B12/B13/B14 (700), B66 (AWS-3), B71 (600) UMTS/HSPA+ Bands: B2 (1900), B4 (1700), B5 (850) * All Modems Accept Standard SIM Cards (Type 2FF - 15 x 25mm)	F I/O INTERFACE	1x RJ45 - 10/100M Ethernet 8x Digital Inputs - Dry contact or 30 VDC Max (push-pull) 1x Relay Output - 1 N/O SPST 2x Analog Inputs - Software Selectable 0-20mA, 4-20mA, 0-10V, 0-20V, 0-30V 10x LED Indicators: 8 DI Status, 1 Power Status, 1 Sys- tem Status
		G SOFTWARE	Reonix Web Interface: Easy to use, Secure Utilized for initial SCADADroid® setup, programming of Alarms, Phonebook, Shift Schedules, VPN and much more.
		H PROTOCOLS	01 Modbus TCP/IP: Interface with PLC/RTU/HMI
			MQTT: Publisher/Subscriber protocol for M2M, minimiz- ing data usage
E VPN	00 Open source VPN standard Consult Reonix for other VPN Options		REST: Architecture providing standards between net- worked systems on web

Ordering Requirements

The following code is designed to help in selection of the correct unit. Build up the reference

number by inserting the code for each component into the appropriate box.



REONIX