



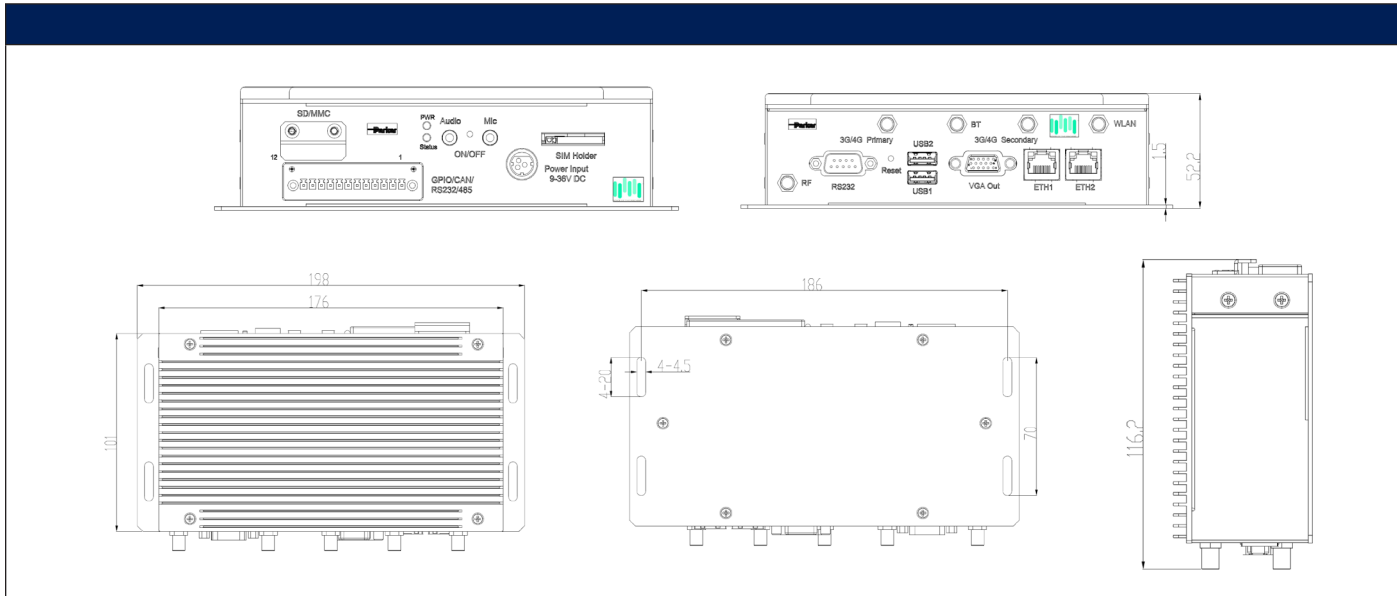
Part Number	Communication	Connectors	Compliance
SN-CS-5	LTE (AT&T), Ethernet, WiFi	RS232, RS485, GPIO, CAN, USB, LAN	FCC, IC, PTCRB
SN-CS-6	LTE (VZW), Ethernet, WiFi	RS232, RS485, GPIO, CAN, USB, LAN	FCC, IC, PTCRB

Specifications	Description
System	
Processor	Intel® ATOM™, E3815/1.46GHz, Single-core processor
On Board RAM	DDR3L 2GB
SSD Internal	Half-Slim SATA SSD Module Internal (16GB)
Display	
Resolution	2560x1600 @ 60Hz for VGA
Interface	1xVGA (DB15)
Wireless Communication	
WLAN	802.11 b/g/n Wireless Module, external antenna
Bluetooth	Bluetooth 4.0 module, with external antenna
Cellular Data Module	4G/LTE CAT1 Cellular Module with SIM slot and two external antennas
RF Module	Parker SensoNODE Low Power Wireless Module with external antenna
I/O	
Ethernet	2x10/100/1000-BaseT(RJ45)
USB	2xUSB2.0 Host (Type A)
Audio	HD Audio, 1xMIC in 3.5mm, 1xline Out 3.5mm
COM Port	1xRS232/422/485 (Full Function, DB9); 1xRS232/485 (2 wires on Green Terminal)
CAN	1xCAN 2.0b
Alarm	Buzzer Out
SD card	1xSD card Slot
RTC	Supported
Control	Reset Button on the top
GPIO	Reserved GPIO (terminal)
UART	1x full function UART use DB9
Accelerometer	On Board Accelerometer, 3-Axis



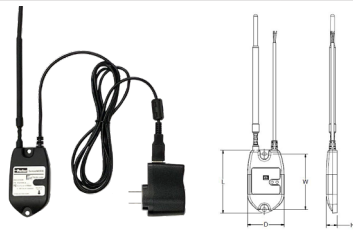
WARNING The products listed can expose you to chemicals including Lead, which is known to the State of California to cause cancer, and to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov





Specifications	Description
Security	
Security	TPM module
Software	
OS	Secured Embedded Linux
Applications	Parker Voice of the Machine Edge software
Power	
Input	DC12 / 24V(9-36V), Locked Power Jack
Consumption	6W (Pulse8W), Sleep 2W. (without LTE,GPS,WLAN)
Mechanical	
Dimensions	176x101x52mm (Box)
Install Brackets	198x101x52mm
Weight	0.6Kg (1.2Kg package Kit)
Enclosure	Aluminum Alloy with Black Color
Environment Condition	
Temperature	Operating: -20°C ~ +60°C, Storage:-40°C ~ +85°C
Humidity	5-95%RH at 25-35 (Non-Condensation)
Cooling Mode	Fan less, Heat Sink
Approvals	UL, FCC Class B, CE, RoHS, and PTCRB Compliance

Repeater



- Primary use as network repeater [range extender] for all sensors joined to gateway receiver
- Support for up to 250 sensors at one hop each
- Robust overmolded design for harsh environments

Part Number	W	D	H	L
SNREN-2	2.75" [70mm]	1.81" [46mm]	.53" [13mm]	3.12" [79mm]



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