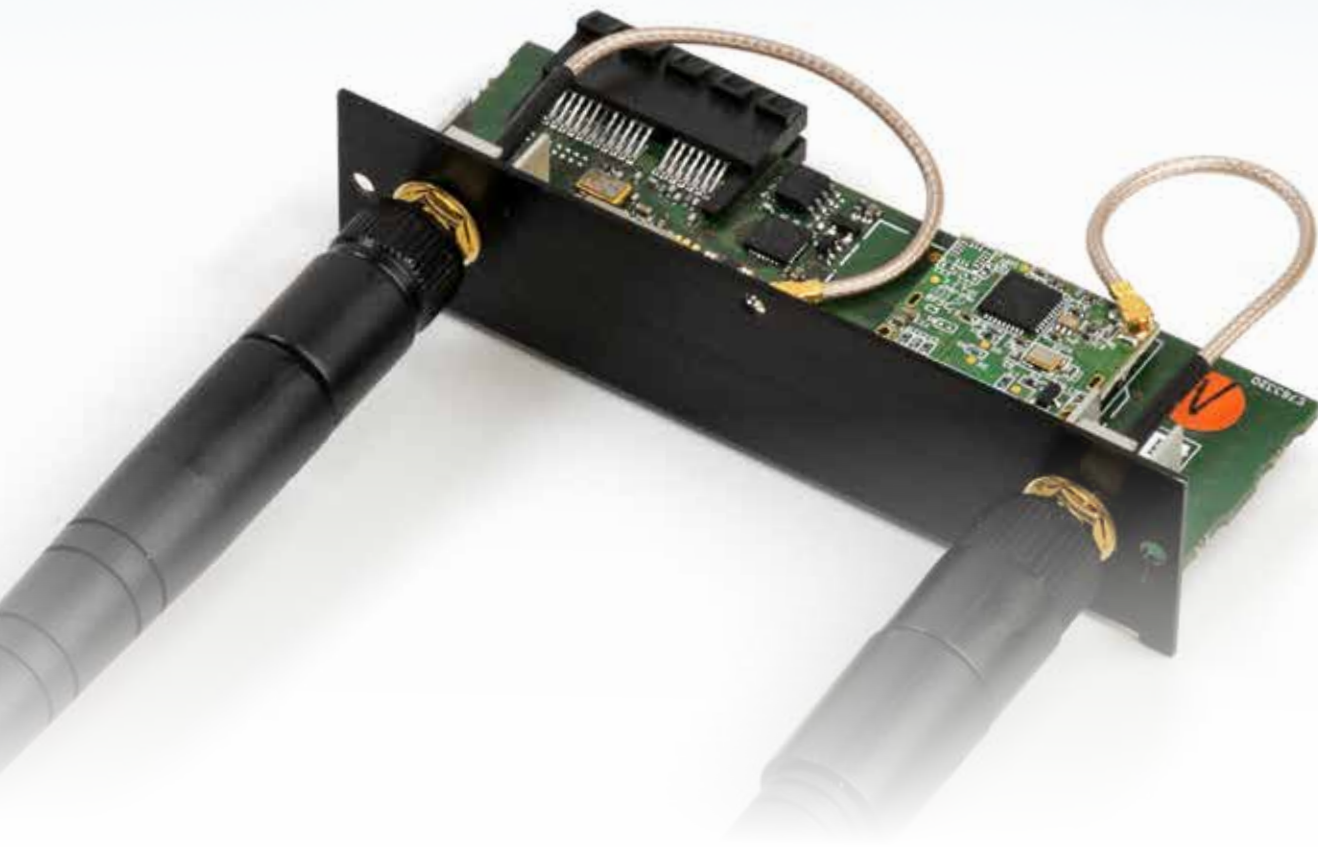


CloudGate

MONNIT EXPANSION CARD



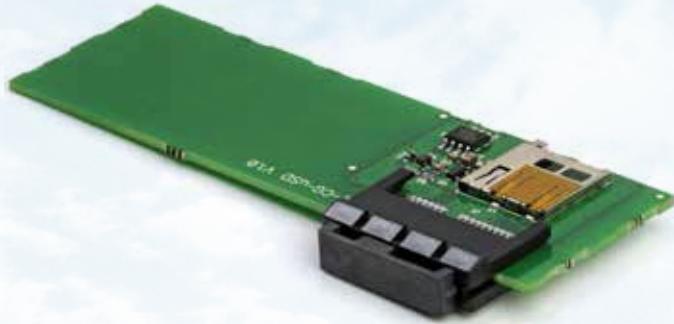
CONNECTING SENSORS to the Cloud

- Allows to connect wireless Monnit sensors to CloudGate
- Send sensor data to iMonnit platform or create LuvitRed application to send data to your platform of choice
- Optionally combined with WLAN connectivity

CloudGate

MONNIT EXPANSION CARD

CONNECTING SENSORS
to the Cloud



There is an emerging trend of connecting, monitoring and controlling machines and other 'things' in our environment but using wires to do so is often not desired or even possible. The Monnit expansion card allows the CloudGate gateway to connect to Monnit wireless sensors that are in range of the CloudGate.

Build your sensor application with LuvitRed and send the sensor data to the platform of your choice OR directly send the sensor data to the iMonnit web application that is developed by Monnit (www.imonnit.com)



Features	Description
Monnit wireless functionality <ul style="list-style-type: none"> • Radio protocol • Regional variants • Number of sensors per card • Security • Antenna connector 	<ul style="list-style-type: none"> • Monnit proprietary • 902-928MHz, 868MHz, 433MHz • 128 max • 128-bit AES encryption (send/receive) • RP-female
Optional WLAN functionality <ul style="list-style-type: none"> • Radio protocols • Frequency bands and channels • Speed • Guest network • Wireless mode • Number of users per card • Security • Antenna connector 	<ul style="list-style-type: none"> • 802.11 a/b/g/n • 2.4GHz, channels 1-11, 20MHz bandwidth • Up to 65Mbps • Yes (dual SSID) • Simultaneous client & access point • 10 max • WPA-PSK, WPA2-PSK, mixed WPA/WPA2-PSK • RP-female
Operating temperature	• -30 to +70 °C
Humidity	• 5 to 95% RH, non-condensing
Storage temperature	• -40 to +85 °C

MONNIT™

Founded in 2006, Monnit (www.monnit.com) is a market-leading US vendor of wireless sensors. They developed over 50 different sensor types that are available in 3 casing variants:



*Specifications are subject to change.
As part of the continual product improvement process, OPTION reserves the right to alter the specifications of this product.
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www.option.com



1. Place sensors on or around "things" you want to monitor



2. Setup notification for when certain "conditions" are detected



3. Receive realtime alerts by text, email, or phone call, wherever you are

