

ReliaCELL 10-20

- Global Cellular Support for:
 - 2G GSM
 - 2.5G 1x RTT
 - 3G HSDPA/UMTS/EVDO Rev A
 - 4G LTE
- Ready to Deploy – certified and carrier approved
- Ruggedized for commercial and industrial applications
- Optional GPS capability



FEATURES

Ruggedized - IP67 Mountable – The enclosure design makes the ReliaCELL 10-20 ideally suited for harsh environments; whether it is indoors or outside, it provides the cellular connectivity for your application or appliance needs

Easy Cellular Technology Migration – The ReliaCELL 10-20's unique concept allows for easy integration with your appliance or IoT device, swapping ReliaCELL models as cellular technology updates are needed, and avoiding time-consuming redesigns and massive hardware replacement costs

No Cellular Certification Costs – When using the ReliaCELL as the cellular module for your M2M or IoT device, it has all of the cellular certifications completed allowing for rapid deployment of new product developments

Easy Installation – The ReliaCELL 10-20 is installed to a flat surface through signals of a USB on either a USB 2.0 or 3.0 connector. Once plugged in and screwed on, it is sealed and waterproof, ready for deployment with standard software drivers to enable the cellular connection

- Defense and Aerospace
- Transportation and Mobility
- Security and Surveillance
- Industrial
- Logistics and Networking

The ReliaCELL 10-20 is a rugged cellular adapter that is easily mountable to flat surfaces. Deployable for products sold globally, the ReliaCELL 10-20 offers a distinctive approach to providing cellular connectivity within the M2M, IoT and internet appliance marketplace. With its rugged and small design, it simplifies product development, time-to-market and costs associated with implementing a cellular solution. It becomes an easy addition to existing or new applications sealing onto the surface of an enclosure, weatherproof or not, with a simple USB connection and SMA connectors for antennas.

Enabling cellular technology is one of the toughest and most time-consuming challenges enterprise customers face and the ReliaCELL 10-20 simplifies this aspect of their solution. The ReliaCELL 10-20 modularizes the cellular component of embedded product development uniquely to allow it to be added to systems without making compromises on ruggedization. Now customers save time and money while avoiding the hassle of certifying with cellular carriers since the ReliaCELL 10-20 is already certified.

The ReliaCELL 10-20 is offered in several cellular technologies providing the flexibility to adapt should your product roadmap or application requirements evolve from 2G to 3G to 4G. Simply switching from a 2G to a 3G ReliaCELL solution, for example, will allow you to maintain the key system components of your appliance without incurring significant hardware costs or the lost time and resources associated with recertification of your device.

Modules



	2G GSM	2.5G CDMA	3G GSM	3G CDMA	4G LTE
Cellular Technology	Quad-band GSM/GPRS	CDMA/1x RTT	Penta-band , HSPA+ Quad-band GSM/EDGE	CDMA/EVDO Rev A 1x RTT	700(B13) AWS1700(B4) UMTS/HSDP+
GPS/Glonass	Optional	N/A	Globally except Japan & South Korea	Optional for Verizon & Sprint Only	Optional
Carrier Approvals	N/A	Verizon, Sprint	AT&T, T-Mobile, SKT, NttDocomo	Verizon, Sprint	Several Carriers
Region	Europe	North America	*Global	North America	Europe & North America

NOTE: Additional countries and carrier certifications to be added. If you have specific needs for a country not listed here, or if you have carrier questions, please contact Dynatem.

*Dependent on carrier/country approvals

Specifications

INTERFACES	1x USB Port	USB2.0 Type A Compatible for Cellular Only USB3.0 Type A Cellular and Voice Capability (Contact Factory) SIM Dual microSIM, internal & field replaceable
ANTENNAS	Cellular GPS/Glonass	2 SMA (Main & Diversity if available) SMA (Optional) Not on all modules
POWER	5VDC	500mA Typical ² C 3-axes, accelerometer
PHYSICAL	Enclosure Mounting Operating temperature	Polycarbonate (3.56"x1.75"x.82") Panel Mount- 4 M2.5 screws, metric -40° to +85°C
CERTIFICATIONS		IP67, PTCRB , FCC/IC/CE, SAE J1455, UL, TELEC

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