

SmartStart™

Why pay for features you don't need?

+ LOW-COST LTE CAT.1 AND CAT.4 ROUTERS & GATEWAYS



B+B SMARTWORX

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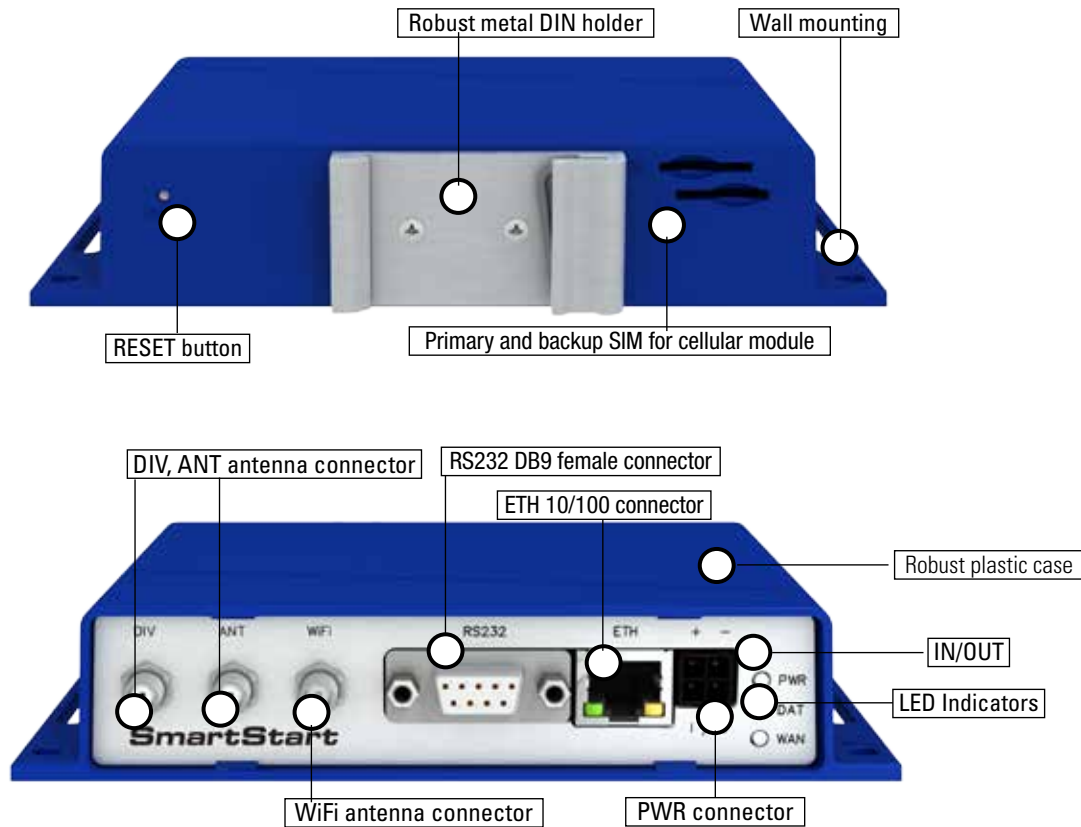
ADVANTECH

Intelligence at the Network Edge

SmartStart™

WHY PAY FOR FEATURES THAT YOU DON'T NEED?

Low cost SmartStart LTE Cat.1 and Cat.4 cellular routers and gateways connect Ethernet, RS-232 and I/O devices to a cellular network. Typical applications include remote installations like kiosk, point of sales equipment and lottery terminals.



- + For industrial IoT and consumer focused high speed data applications.
- + Power consumption similar to 2G devices. Optimized for solar and battery powered applications. Low Power Mode drops power consumption to 40 mW and can be triggered by timers, low voltage detection or I/O.
- + Automatic fallback to 2G or 3G in areas where LTE is not yet available.
- + Ethernet, serial RS-232 and I/O for connecting a wide array of field assets with DIN rail or wall mounting.
- + Resilient wireless or wired connections.
- + Enhanced memory to host custom software applications and a wide variety of protocols.
- + Easy deployment, mass maintenance and troubleshooting with our SmartWorx Hub™ remote management and monitoring tools.
- + Full range of LTE communications capabilities including video streams.

Intelligent

- + Download our User Modules for specialized functions. Use the router as an AT Modem Emulator, a Modbus RTU/TCP gateway and more.
- + Create your own Linux scripts for additional special functions.
- + Create multiple software configurations for each router and switch between them at any time.
- + Upgrade router configuration and firmware from your central server, allowing for simultaneous mass reconfiguration of every router on the network.
- + Use a secure Web interface to configure and manage the SmartStart from remote locations.
- + Low power consumption mode for solar and battery power applications.

Powerful

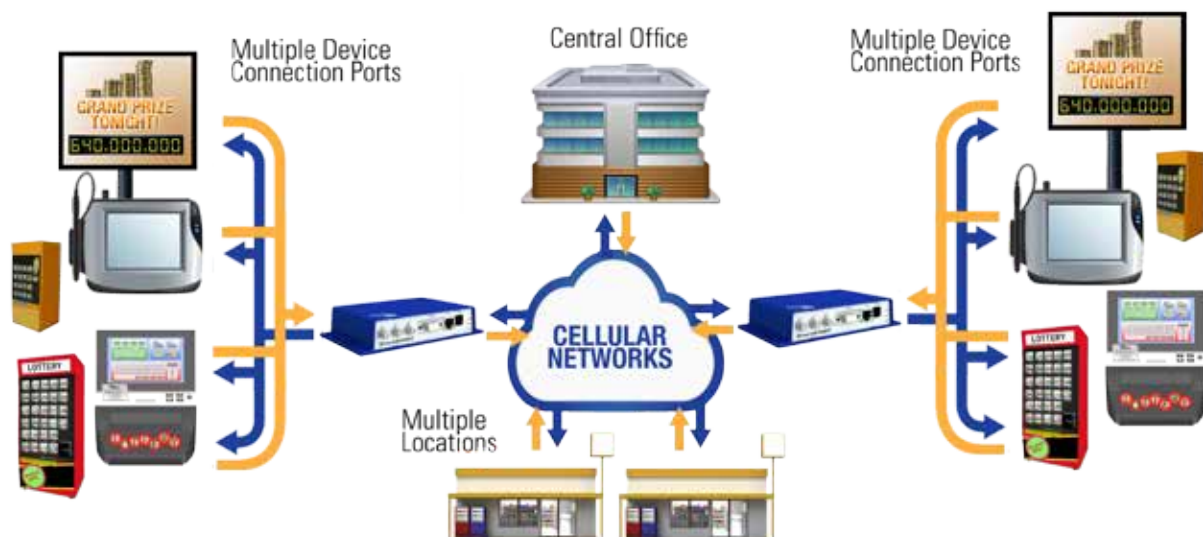
- + Full support for LTE
- + 256 MB flash memory, 512 MB RAM and 128kB M-RAM
- + Upload speeds of up to 50 Mbit/s and download speeds of up to 100 Mbit/s - easily handles video applications

Safe and Secure

- + Real time data encryption and the creation of VPN tunnels using IPsec, OpenVPN and L2TP.
- + Support for DHCP, NAT, NAT-T, DynDNS, NTP, VRRP, control by SMS, and numerous other functions.

Rugged and Reliable

- + Dual SIM card ports for automatic failover*
- + Designed and manufactured for use in tough environmental conditions
- + Extended operational temperature range from -40 °C to +75 °C
- + 10-60 VDC operation with transient and reverse polarity voltage protection
- + Industrial certifications



* Verizon 1 SIM Slot

+ GLOBAL REACH FOR GLOBAL SUPPORT

You build your business and we will build your communication solution. Whether you need standard products or require special designs for specific applications – B+B SmartWorx can help.

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ADVANTECH

Worldwide Headquarters

ADVANTECH
No.1, Alley20, Lane26, Rueiguang Road
Neihu District, Taipei 11491
Taiwan, R.O.C
Phone: 0800-777-111
www.advantech.com

European Headquarters

Oranmore, Co. Galway, Ireland
Phone: +353 91 792444
Fax: +353 91 792445
eSales@advantech-bb.com

Corporate Headquarters

707 Dayton Road
Ottawa, IL 61350 USA
Phone: 1-815-433-5100
Fax: 1-815-433-5109
orders@advantech-bb.com
www.advantech-bb.com

Middle East, UAE, Africa

mdeast-frsales@advantech-bb.com
Mobile: +971 50 943 65 62
AG Silver Tower, JLT, P.O. Box 48777
Dubai, UAE

Cellular Product Group

Sokolská 71, 562 04 Ústí nad Orlicí III.
Czech Republic
Phone: +420 465 521 020
Fax: +420 464 647 299
GSM: +420 603 872 287
cellularsales@advantech-bb.com

Latin America, Caribbean

latamsales@advantech-bb.com
Phone: 1-727-797-0300
Cell: 1-727-480-5920

OEM & Product Modification

Phone: 815-433-5222
Fax: 815-433-5104
Attn: Custom Dept.
custom@advantech-bb.com
Custom Quote Request Form:
<http://advantech-bb.com/custom>