

PDN[®] LITE

SPEC SHEET



The PDN[®] LITE is a Secure, Mobile Emergency Comms Case Solution. It is a rugged closed-case portable data network that becomes the ultimate “WiFi Hotspot”, “Network-In-A-Box”, and a ready, accessible “go kit” for cellular, digital-data communications. The PDN utilizes high-gain cellular connectivity to allow its end-users to access and push/pull digital-data as needed per application.

PDN LITE Technical Specifications

<p>THE CASE (HOUSING)</p>	<p>Material: Injected molded polypropylene based resin enhanced with several performance additives.</p> <p>Performance: Weather-worthy, impact resistant, and light weight—similar to IP65 rating when case and ports are closed. Automatic pressure release system valve. Micro vent for air while preventing water from entering.</p> <p>Weight: Approx. 12 lbs.</p> <p>Dimensions: 15.8” x 12.5” x 7.1”.</p> <p>Security: Nylon PowerClaw latches, TSA combination padlock capable.</p>
<p>ENVIRONMENTAL TEMPERATURES</p>	<p>Operating Temperature: -30°C to 70°C (-22°F to 158°F)</p>
<p>POWER INPUT VOLTAGE</p>	<p>120/110v AC external port for operating; NEMA 5-15P (3-prong) cord included.</p> <p>12v DC external port for operating; 2 SAE cords included (12v auto and 2.5mm barrel connector).</p> <p>Power conditioning on DC prevents feedback and potential for arcs/sparks on accidental grounding.</p> <p>External power button—PDN can be fully utilized without ever needing to open the case.</p>
<p>DATA INTERFACE PORTS</p>	<p>2 external WAN/LAN configurable Cat 5 ports. 2 ethernet cables included.</p>
<p>ANTENNA</p>	<p>Single dome, high-gain, omni-directional antenna with IP66 rating.</p> <p>4X4 MiMo Wi-Fi elements, 4X4 MiMo LTE elements (allowing for two concurrent LTE connections with diversity elements), and GPS.</p> <p>WiFi range: Up to 500+ feet from source. WiFi frequencies: 2.4/5.0GHz</p>
<p>ONBOARD CELLULAR GATEWAY</p>	<p>Built in DHCP server Stateful Firewall IPSec capable FIPS 140-2 compliant model available</p> <p>Policy-based routing 802.11 b/g/n/ac Multiple configurable SSIDs Carrier agnostic</p> <p>Onboard graphical user interface GPS Reporting (in TAIP or NMEA) VLAN support for 802.1Q</p> <p>64–128 users across WLAN plus wired clients</p> <p>Cloud-based SaaS support included for configurations, updates, and alerts.</p>
<p>DUAL DOCK OPTION</p>	<p>Works in conjunction with cellular gateway device.</p> <p>Additional modem for two simultaneous, active cellular networks.</p> <p>Capability to augment bandwidth with load balancing.</p> <p>Allows for housing of four cellular network SIM cards total.</p>