



www.dh-pdn.com



The PDN (Portable Data Network) is a Secure, Mobile Emergency Comms Case solution. It is a rugged Closed-Case Solution 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 Technical Specifications

<p>THE CASE (HOUSING)</p>	<p>Material - injected molded polypropylene based resin enhanced with several performance additives Weather-worthy, impact resistant, and light weight - similar IP65 rating when case & ports are closed Automatic pressure release system valve micro vent for air while preventing water from entering Weight: Approx 30 lbs Dimensions: 19.8" x 16" x 7.6" (l x w x d) Physical Security - nylon Powerclaw latches TSA combination padlock capable</p>
<p>ENVIRONMENT TEMPERATURES</p>	<p>Operating Temperature: -30°C to 70°C (-22°F to 158°F)</p>
<p>BATTERIES</p>	<p>2 separated Absorbed Glass Mat (AGM) batteries up to 40 hours of operational use - load dependant FAA Compliant AC120-84 sealed batteries & complete power-down capabilities for safe air travel External battery indicator with low power alert and charging indication TSA Friendly - both checked luggage and carry-on</p>
<p>POWER INPUT VOLTAGE</p>	<p>120/110v AC external port for charging & operating NEMA 5-15P (3-prong) 3ft cord included Power conditioning on AC pulse charges batteries prevents sulfation provides deeper charge for longer lasting draw 12v DC external port for operating 3ft SAE cord included Power conditioning on DC prevents feedback or potential for arcs/sparks on accidental grounding DC and AC power inputs that can run in parallel (operate & charge simultaneously) External power button, case can be fully utilized without ever needing to open</p>
<p>DATA INTERFACE PORTS</p>	<p>2 external WAN/LAN configurable Cat5 ports 2 3ft ethernet cables included</p>
<p>ANTENNA</p>	<p>Single dome, high-gain, omnidirectional antenna IP66 rating 3X3 MiMo Wi-Fi elements, 2X2 MiMo LTE elements (allowing for one LTE connection with diversity elements) and GPS WiFi ranges of up to 900 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 Policy based routing 802.11 b/g/n/ac Multiple configurable SSIDs Carrier agnostic Onboard Graphical User Interface GPS Reporting (in TAIP or NMEA) 64 - 128 concurrent users across WLAN plus wired clients Network failover capability Cloud based SaaS support included for configurations, updates, and alerts VLAN Support for 802.1q</p>