PDN LITE

PORTABLE DATA NETWORK LITE
SPEC SHEET

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, accesable "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. The PDN LITE is ideal for users who need a mobile, secure and private Internet connection, but know they'll have access to power for AC or DC plug-in.

PDN LITE Technical Specifications

THE CASE (HOUSING)	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 11.5 lbs | Dimensions: 15.8" x 12.5" x 7.1" (l x w x h) Physical Security - nylon Powerclaw latches | TSA combination padlock capable
ENVIRONMENT TEMPERATURES	Operating Temperature: -30°C to 70°C (-22°F to 158°F)
POWER **INPUT VOLTAGE**	120/110v AC external port for operating | NEMA 5-15P (3-prong) 3ft cord included 12v DC external port for operating | 2 x SAE cords included (12v Auto and 2.5 Barrel Connector) Power conditioning on DC prevents feedback or potential for arcs/sparks on accidental grounding External power switch, case can be fully utilized without ever needing to open
DATA INTERFACE PORTS	2 external WAN/LAN configurable Cat5 ports | 2 ethernet cables included
ANTENNA	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
ONBOARD CELLULAR GATEWAY	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 Cloud based SaaS support included for configurations, updates, and alerts | VLAN Support for 802.1q