![DATAPATH logo]

Defying Boundaries by Design™

R-1000
**RAPID RESPONSE
COMMUNICATIONS KIT**

Secure Network Mobility for Emergency Voice and Data Communications

SIMPLE AND POWERFUL

R-1000 delivers telephone and secure data connectivity to private networks or the Internet in minutes, with easy "plug and go" configuration.

RUGGED AND PROVEN

R- 1000's core technology has been proven in thousands of systems deployed around the world with Department of Defense (DoD), Department of State (DoS), NATO and other users in the harshest operating environments.

COST EFFECTIVE

R-1000 is a robust communications platform with multiple power options for remote and sustained operations. Programmable routing automatically selects the most cost-effective available wide area network WAN for connectivity including cellular, WiFi, satellite, or terrestrial Ethernet.

Aerospace   Broadcast   Government   Infrastructure

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DATA PATH

Defying Boundaries by Design™

In the aftermath of a natural disaster, or when providing critical assistance to those affected, emergency and aid personnel need to focus on the mission — not on the challenges of remote communications.

DataPath's R-1000 was designed to provide first responders and remote workers with fully autonomous, highly reliable and cost-efficient voice and secure data connectivity anywhere in the world.

Rugged and able to operate on multiple power sources or standalone for extended periods of time, R-1000 delivers sustained phone communications via PSTN and/or private telephone networks, and secure data connectivity to private networks and the Internet.

SYSTEM FEATURES

- Lightweight and easy to transport, complete system meets airline carry-on restrictions.
- Simple "plug-and-go" operation.
- Includes BGAN satellite terminal and four rugged, waterproof phone handsets.
- Flexible network connectivity options:
  - WAN: terrestrial, Ethernet, WiFi, cellular, satellite
  - LAN: Ethernet, WiFi (including smart phones)
- Innovative Power Management for continuous operation
  - internal batteries charge while in use and are "hot-swappable"
  - digital battery status display
  - multiple charging options: AC, solar, vehicle battery or cigarette lighter
  - one simple interface charges DataPath unit and all accessories
- Hardened POTS telephone lines that are more reliable than VoIP
- Optional radio interoperability

R-1000 can be configured to operate through your private voice and data networks, providing PSTN and VPN connectivity via your established emergency communications infrastructure.

DataPath's Managed Network Service provides dedicated, managed gateway service for telephone (PSTN) and Internet access via a 24x7 managed and manned network operations center. Voice and data connectivity and satellite airtime services are included in a monthly service fee.

PHYSICAL SPECIFICATIONS
Dimensions: 10" x 16" x 24"
Weight: 39 lbs.

POWER INPUT
Run-Time: 14 hours operating time, depending on load and configuration
AC Input: 90-264 VAC / 47-63 Hz / 6 Amps (Max)
DC Input: Solar / Vehicle / 10-36 VDC

POWER OUTPUT
5 VDC (x1) 6a MAX (30 Watts) Can be used for radio bridge
15 VDC 4A MAX (60 Watts) Power for BGAN UT or other 15 VDC device such as wireless mesh radios
8 VDC RJ-45 jack (x1) Cordless phone base power
(integrated with unit for convenience)
USB power port (x1) 5 VDC 1.5 S MAX (7.5 Watts MAX)

BATTERY POWER (INTERNAL)
2 each - internal 83 watt-hour (total 160 watts) lithium-ion cells *(field removable)* in accordance with UN Document ST/SG/AC.10/11/Rev.3 and are non-hazardous goods

PHONE FEAUTURES
(4) POTS Land-based phone lines
(4) Waterproof cordless phones
(1) 800 NumberHunt groups, hot lines, dual lines
Secure telephone equipment such as STE or OMNI-SECTERA *(optional)*

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