

# shaping the future ... in FIELD COMMUNICATIONS

## GW-116/IP Gateway



- Voice over IP subscribers
- VoIP call manager
- Voice gateway, allowing calls between ISDN/analogue networks and VoIP terminals
- Integrated IP routing
- Connects to switchboards like CD-116 through an ISDN PRI interface
- Flexible solution for adding IP to CD-116

# GW-116/IP Gateway

The GW-116/IP is a gateway between IP and ISDN/analogue networks. It offers an integrated voice and data router/switch for tactical communications systems.

The GW-116/IP offers WAN and LAN connectivity for data and voice over IP terminals.

This ultra compact and flexible solution is the perfect tactical gateway between the traditional PBX systems and the state-of-the-art IP communications. It provides connectivity between the different command levels creating an extended IP network for exchanging information between the fixed line communications, the detached command positions and the tactical mobile networks.

The GW-116/IP is the right approach when an autonomous network is required for IP terminals, for specific deployment requirements or for logistical reasons, as well as for upgrading solutions already in service based on the CD-116 Field Digital Switchboards.



Together, the CD-116 and the GW-116/IP offer interoperability between analogue field telephones, VoIP terminals, Combat Net Radios, PSTN and IP networks. Data communications with IP routing, video conferencing and other IP services are also available.

The GW-116/IP is the outcome of EID experience in field communication solutions. It complies with the most stringent military standards for maximum system availability and harsh environments operations.

## Technical Characteristics

### IP Network Features

IPv4 and IPv6 IP Routing	Static routing RIPv2, RIPv6 OSPF BGP-4
DHCP Server/Client QoS	Yes
Interfaces 8 Ethernet Ports: (LAN/WAN)	1 x 10/100/1000 BASE-T 7 x 10/100 BASE-TX 6 with PoE 802.3af Type 1
ISDN	1 x PRI ISDN, G.703/E1

### Power Supply

Input Voltage	24VDC 110VAC/230VAC
Consumption	55W typical

### Physical Specifications

Dimensions (W x D x H)	290 x 400 x 110 mm
Weight	8 kg
Case Color	Olive green, RAL 6014

### Voice Features

- Up to 120 x VoIP terminals
- Up to 30 x simultaneous calls
- IP PBX / SIP call manager
- Voice gateway
- Alternate call routing
- FAX support over audio and T.38

### Telephony Services

- Call hold, call transfer, call waiting
- Call park, call back, call pick-up
- Call forwarding, hotline, caller-id
- 3-party conference
- Extended conference call, broadcast call
- Call priority, call preemption
- Wake-up call (night alarm)
- Call barring

### Environmental Specifications MIL-STD-810F

Operating temperature	-25 to +60 °C
Storage temperature	-40 to +75 °C
Humidity	0 to 95 %
Watertightness	Method 512.4
Shock	Method 516.5
Vibration	Method 514.5