

# BCC-TACTICAL EXPEDITIONARY COMMUNICATIONS



The BCC-Tactical is our most robust system for complete voice, data and radio interoperability uses in harsh conditions.

The BCC-Tactical is frequency and radio agnostic, acting as a cross-band, cross-platform and cross-encryption gateway.

The integrated Sigma® software provides a robust flexible Unified Communications platform that can be deployed in public, private, and hybrid cloud environments.

Many options are available for defence industry including VoIP, video, conferencing, MLPP with presence, unified messaging, voice mail, and enterprise features.

The BCC-Tactical is compatible with other Call Control Software applications depending on customer preferences.

## Key features:

- Connect up to 5 radio networks & create 2 radio talk groups
- Compatible with all military and commercial radios, ciphertext and plaintext radios
- Rugged PTT military handset included
- Session Initiation Protocol (SIP) compatible
- Link each radio talkgroup as a SIP extension on your telephony server
- WiFi/LAN connectivity
- Works on multiple power sources
- 5-minute boot up
- Resilient to hard shutdowns
- Low SWaP
- SAT ready

# BCC-TACTICAL SPECIFICATIONS

## RADIO GATEWAY

Radio Interface: 5 Ports / Handset / 2 Speaker Jack Connector (3.5mm-1/8")

Radio Interface Cables: 5 cables included

Compatibility: Any frequency, modulation and encryption

## SIGMA<sup>®</sup>

Multiple SIP Trunks

Up to 100 connected extensions / 100 Seats Web Conferencing (Optional)

REDCOM Secure Client for Windows, Android & iOS app available

Scalable Licensing

Standard-based interoperability

Unified Communications - XMPP with Presence

TLS encryption for call set-up / SRTP payload encryption

Wide audio/video codec support

Rugged IP Phone Available (Optional)

## DATA

LAN: 1 x GB Ethernet / W-LAN: 2.4 & 5 GHz Dual Band 802.11a/b/g/n

LTE Broadband Router Dual SIM (Fallback): 4 SIM / Dual Modem Router Optional (FirstNet)

Frequency Bands: LTE-FDD Band 1/3/7/8/20 (2100/1800/2600/900/800 MHz)  
(Europe, Africa & Asia) HSPA+/UMTS Band 1/2/4/5/8 (2100/1900/850/900 MHz)  
GSM/GPRS/EDGE (850/900/1800/1900 MHz)

Frequency Bands: LTE-FDD Band 2/4/5/13/17/25 (1900/AWS/850/700/1900 MHz)  
(Americas) HSPA+/UMTS Band 1/2/4/5/8 (2100/1900/AWS/850/900 MHz)  
CDMA/EV-DO Band BC0/BC1/BC10 (800/1900/1700 MHz)  
GSM/GPRS/EDGE (850/900/1800/1900 MHz)

VPN Security Options Available (Inquire for complete list)

External 5-in-1 DATA Antenna (2x LTE / 2x WiFi / 1 GPS optional) Available

## GENERAL & ENVIRONMENTAL

Input Power: +12VDC @ 5 Amps maximum (115 to 230 VAC ± 15% power adapter included)

Size: 18,7" x 14,8" x 7" or 47,5 cm x 37,6 cm x 17,8 cm Weight: Approx. 22 lbs. / 10 kg

Case color options available

Temperature: Operating: -20 to +50 degrees C; Storage: -40 to +60 degrees C / Certified MIL-STD-810H

3 PoE+ Ports / 1 WAN Port

Humidity: Up to 95% @ 55 degrees C

Immersion & Dust-tight: Certified IP67 rating

2-year warranty (5-year warranty also available)

Specifications are subject to change without notice



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