

EXPEDITIONARY COMMUNICATIONS

Robust system combining voice, data and radio interoperability for use in harsh conditions.



PROUDLY BUILT IN CANADA



BCC-TACTICAL

**FULLY
SECURED
INTEROPERABILITY**

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.

All BCC-Tactical systems can be customized. The information contained in this technical sheet is based on a standard configuration and serves for informational purpose only.

KEY FEATURES:

Connect up to 5 radio networks & create 4 radio talk groups

Compatible with all military and commercial radios, ciphertext and plaintext radios

Link each radio talkgroup to a SIP extension

Keylock switch to isolate the Interoperability Board from SIP or SIP & LAN

WAN, LTE, LAN, WiFi and VPN connectivity

Works on multiple power sources

5-minute boot time

Resilient to hard shutdowns

Low SWaP

Compatible with Satellite equipment

Virtual Conference Rooms with classification levels

RADIO GATEWAY

RADIO INTERFACE: 5 Ports / Handset / 2 Speaker Jack Connectors (3.5mm-1/8")

RADIO INTERFACE CABLES: 5 Cables included

COMPATIBILITY: Any frequency, modulation and encryption

SIGMA® Software

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

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 Optional / FirstNet

FREQUENCY BANDS (EUROPE, AFRICA & ASIA):

LTE-FDD Band 1/3/7/8/20 (2100/1800/2600/900/800 MHz)

HSPA+/UMTS Band 1/2/4/5/8 (2100/1900/850/900 MHz)

GSM/GPRS/EDGE (850/900/1800/1900 MHz)

FREQUENCY BANDS (AMERICAS):

LTE-FDD Band 2/4/5/13/17/25 (1900/AWS/850/700/1900 MHz)

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)

GENERAL & ENVIRONMENTAL

INPUT POWER: 5A @ 12VDC (110 to 240 VAC 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 / Certified MIL-STD-810H

Storage: -40 to +60 degrees C

3 POE+ PORTS (VERIFY EQUIPMENT POWER BUDGET)/ 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