



## Seamless interoperability between LMR and Broadband Networks

### Siyata Bridge SD7-B

The NEW Siyata Bridge SD7-B is an advanced interoperability gateway and switch, designed to seamlessly connect Land Mobile Radio (LMR) systems with broadband push-to-talk over cellular (PTToC) networks.

#### The new way to two-way®.

- ☞ **COR or VOX operation** for automatic transmission
- ☞ **Adjustable VOX delay and dropout settings** for optimized performance
- ☞ **Configurable TX and RX audio settings** for enhanced sound quality
- ☞ **Selectable active COR and PTT options** (high/low) for seamless integration
- ☞ **LED indicators** for COR/VOX, PTT, RX, and Power status
- ☞ **Support** for wide variety of LMR radios
- ☞ **Future-ready** with optional serial bus connectivity for data and channel steering

Acting as a cross-broadband repeater, the SD7-B enables instant, reliable communication between radio systems operating on different channels or talkgroups—eliminating communication silos.

With the SD7-B, a UHF radio system can interoperate with a PTToC client, or a VHF radio system can connect to a broadband PTToC service, ensuring uninterrupted, real-time collaboration across multiple platforms.



# SD7-B TECHNICAL SPECIFICATION



Chipset	Qualcomm SDM660 Octa core ARM Cortex A53 64 Bit, 1.8GHz
Operating System	Siyata customized Android
GSM EDGE	EU: B2/B3/B5/B8
WCDMA HSPA+	US: B2/B4/B5 EU: B1/B2/B4/B5/B8
LTE FDD	US: B2/B4/B5/B7/B12/B13/B14/B17/B25/B26/B66/B71 EU: B1/B2/B3/B4/B5/B7/B8/B20/B28
LTE TDD	US: B41 EU: B38/B39/B40/B41
SIM Card	Dual Nano SIM Card
PTT	Support PTT apps
MCPTT	MCPTT QCI's 65, 66, 69 70
GPS	GPS, GLONASS & AGPS, dual mode positioning
WiFi	2.4G/5GHZ, 802.11 a/b/g/n/ac
Bluetooth	BT 5.0
Memory	3GB RAM + 32GB ROM
Display	OLED 0.97", 128 x 64
Sensor	G-Sensor
USB Interface	USB Type C, support OTG
13 Pin Secure Connector	Support LMR/DMR adapter cable
Working Environment	Temperature -20°C to +60°C / - 4°F to +140°F, humidity 20% - 90%
Battery Capacity	3,800 mAh, replaceable
Rugged Ratings	IP68, MIL STD 810H
Weight	225g / 7.9oz, with battery
Size	122.2mm x 63mm x 29.1mm / 4.811 x 2.48 x 1.145 inch
Package	Siyata SD7-Bridge, Battery, USB Type C cable, Power adapter