ULTRALiFE ®
COMMUNICATIONS SYSTEMS

SyTech

RIOS TAC2
INTEROPERABILITY GATEWAY

Interoperate all types of communications including radio, smartphone, and IP video sources

Deploy immediately to the most challenging environments with a standalone FAA-compliant case

Connect to all signalling platforms including HF, VHF, UHF, 700/800 MHz, cellular, iDEN and SAT phones

Network to anywhere in the world with ethernet, satellite or wireless IP highly-efficient network integration

All-In-One Interoperability Kit

RIOS TAC2-V1

Ultralife's 8-Port Tactical Interoperability Unit from SyTech

The RIOS Tactical Package integrates the RIOS TAC2 I/O Module and MIL-STD-810F RIOS Durabook Gateway Controller within an FAA-compliant transit case. The rear-interfacing TAC2 I/O Module provides eight high-density interface ports for interoperable voice communications. The TAC2 interfaces to all types of HF, VHF, UHF, 700/800 MHz, cell phones and iDEN handsets and allows the operator to quickly interconnect them by means of the intuitive RIOS Graphical User Interface.

On-board power management offers DC input with external lithium ion battery power to the I/O module and PC controller. Network options include LAN with Wifi and USB Data Connection. Tactical packaging includes a swing-mount laptop platform and lid organizer. Additional options include camera and RIOS Lite smartphone integration as well as options for remote radio control.

Interoperability Gateway

SyTech

Multiple User Login with RIOS Client
Workstations or RIOS Client Licensing
R-CON-RUGID-PCK or R-SFT-CLNT-CP

Controllable IP Video with the RIOS
Outdoor Video Camera Package
R-CAM-OD-PCK

Smartphone Access with RIOS Lite via
onboard WiFi or USB Data Connection
R-SFT-RL-PCK

Standard Radio Interoperability
or Remote Radio Control with Interoperability
via SyTech Standard or RCU Cables
R-CAB-S or R-CAB-RCU

Options Available

- **Radio Remote Control**
- **Audio Recording**
- **IP Camera/Video Server**
- **Smartphone/RIOS Lite**
- **Multiple Workstations**
- **GPS (Coming Soon)**

Specifications

RIOS TAC2 I/O Chassis

DC Input: 9 to 36 VDC (includes power supply)

Interface: High-Density, 26 Pin (8 Ports)

SyTech SuperRIB, Signal to USB

Requires SyTech Interface Cables

R-CAB-S for Standard PTT Interface (all models)

R-CAB-RCU for Radio Control (most models)

Standard Cables: 6 - 10 Ft (specify other lengths)

RIOS Gateway Controller

RIOS Durabook D14RM

Daylight Readable Touchscreen

Intel Core Dou CPU at 2.53 GHz

Memory: 1.86 GB RAM

Storage: 150+ GB Hard Drive

RIOS TAC2 Package (R-TAC2V1-PCK)

Weight: 31 lbs. (9.5 kg) with battery

Dimensions: 8.9" H x 21.7" W x 14.1" D (22.6 x 55.1 x 35.8 cm)

Contents

RIOS TAC2 I/O Chassis

RIOS Gateway Controller

RIOS Server & Client Software with User ID

Configured WiFi/EVDO Capable 4-Port Router

Lithium-Ion Battery with Ruggedized Connections

Charge Control Module with Power Supply & Line Cord

Gateway Controller Lind with Ruggedized Connections

RIOS AC Power Supply & Line Cord

RIOS Gateway Controller AC Power Supply & Line Cord

Pelican iM 2500 Case with Lid Organizer

Compacting Bracketry for Gateway Controller

RIOS TAC2
INTEROPERABILITY GATEWAY

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