

SyTech RIOS

The 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 satellite phones.

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

The All-In-One Interoperability Kit



The RIOS TAC2-V1 Interoperability Gateway SyTech's Eight-Port Tactical Interoperability Unit

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.

The RIOS TAC2 Interoperability Gateway

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



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 Duo 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, 21.7"W, 14.1"D, 21.7 (22.6, 55.1 x 35.8 cm)

Contents:

RIOS TAC2 I/O Chassis
RIOS Gateway Controller
RIOS Server and Client Software with USID
Configured Wifi/EVDO Capable Four-Port Router
Lithium-Ion Battery with Ruggedized Connections
Charge Control Module with Power Supply and Line Cord
Gateway Controller Lind with Ruggedized Connections
RIOS AC Power Supply and Line Cord
RIOS Gateway Controller AC Power Supply and Line Cord
Pelican iM 2500 Case with Lid Organizer
Compacting Bracketry for Gateway Controller

