HighSecLabs
Highest Security Solutions Ltd.



RS-232 SWITCH

Manage multiple RS-232 devices using a single remote control.

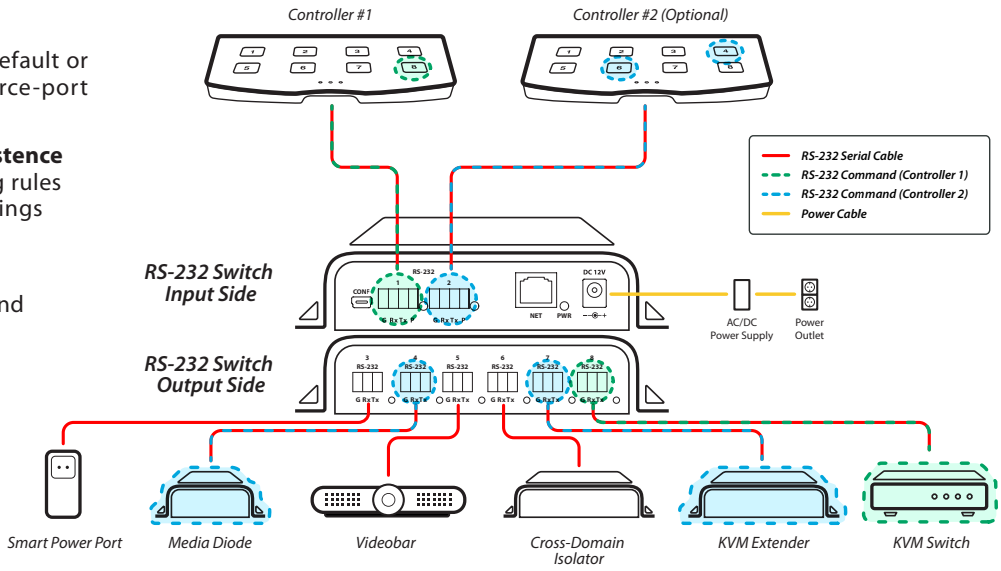
The HSL RS-232 Switch simplifies system control by enabling centralized command distribution and flexible point-to-multipoint communication. It receives commands from multiple RS-232 control sources and routes them to designated devices through dedicated output ports, allowing multiple controllers to manage connected equipment. Configurable routing rules and independent port settings provide greater flexibility in managing communication across connected devices, making it a versatile solution for integrated control systems.

PRODUCT HIGHLIGHTS

- **Command Routing**
  Receive RS-232 commands and forward them to designated destination devices.
- **Connect and Control Multiple Devices**
  Connect up to six receiving devices and send commands to multiple devices simultaneously.
- **Control KVM Functionality**
  Change layout presets and switch between input sources on compatible HSL KVM switching devices.
- **Manage the Smart Power Port**
  Enable or disable power delivery to vulnerable peripheral media devices.
- **Control the Videobar Diode**
  Require a user-initiated command to enable a connection to a videobar, helping prevent eavesdropping.
- **Intelligent Rule-Based Routing**
  Automatically route messages from multiple source ports to one or more destinations using configurable rules, with predefined routing taking precedence.
- **Independent Port Configuration**
  Configure baud rate, data bits, parity, stop bits, and flow control independently for each RS-232 port.
- **Transparent Forwarding & Source Identification**
  Forward messages unchanged by default or optionally add a configurable source-port identifier.
- **Routing Rule Management & Persistence**
  Retrieve, reorder, and delete routing rules while retaining rules and port settings across power cycles and restarts.
- **BAA/TAA Compliant**
  The RS-232 Switch was developed and manufactured inside HSL's secure facilities. It is sourced from a secure supply chain and is TAA/BAA Compliant.

SPECIFICATION

PART NUMBER	FFX8RS-NN
OPERATING PORTS	
4-Pin RS-232 (with Power)	2
3-Pin RS-232 (without Power)	6
Configuration Port	Mini USB Type B
PHYSICAL	
Dimensions	122.4x140x28mm / 4.82x5.51x1.1in
Weight	0.9kg / 2lbs
POWER	
Power Input	12V DC 2.5A
ENVIRONMENTAL	
Operating Temperature	0°C to 40°C / 32°F to 104°F
Storage Temperature	-20°C to 60°C / -4°F to 140°F
Humidity	0%-80% RH, non-condensing
GENERAL INFO	
Product Life-cycle	10 Years
Warranty	2 Years



RS-232 Compatible Devices

© 2026 High Sec Labs Ltd. All rights reserved. All trade names are trademarks or registered trademarks of respective manufacturers listed.
Specifications are subjected to change without prior notice. Patents: www.highseclabs.com/patents/. HLT37760 Rev. 1.2