



HSL'S SECURE RS-232 ISOLATING DIODES

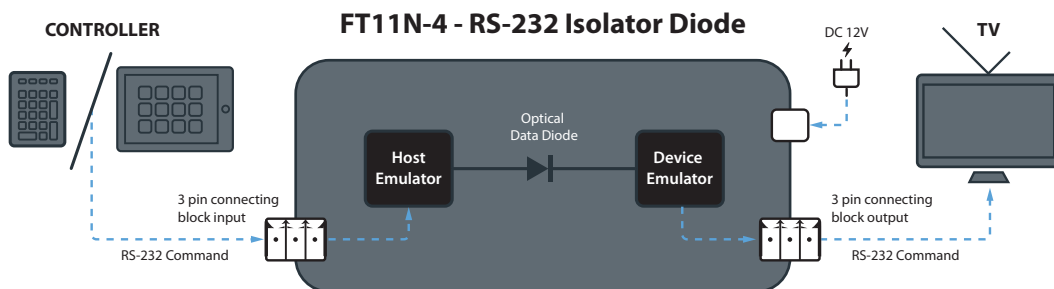
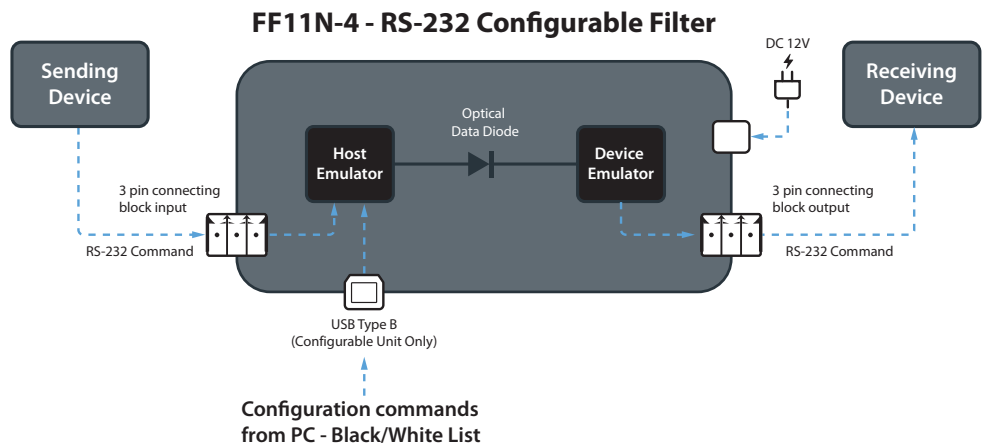
The Secure RS-232 Isolators receive an RS-232 command from any connected device and send it unidirectionally forward to its destination device while blocking any return signal from the destination to the originating device.

The Secure RS-232 Isolator permits one-way data flow from the serial port of one computer system to the serial port of another's.

Sending control and monitoring commands and status events between two secure devices is now possible by using the Secure RS-232 Isolator.

Controlling different devices of different classification levels using a central control system is accomplished securely by using HSL's Secure RS-232 Isolator.

The configurable Secure RS-232 Isolator permits creating rules, using regular expressions, to filter the information passed and limit the type of events and commands that can pass through the isolator.



PRODUCT HIGHLIGHTS

- Unidirectional by Design**
 HW based enforcement of unidirectional data flow by using optical data diodes.
- Rule Based System**
 Create rules based on regular expressions to decide which commands and events pass through and which are blocked.
- Flexible Configuration**
 Serial communication parameters such as baud rate, parity, etc. are user-configurable to fit any architecture.
- Transparent**
 The RS-232 Isolator is transparent to the other RS-232 devices in the setup making it compatible for use in any architecture.

MOUNTING OPTIONS

- HSL's RACKMOUNT KIT 4U**
 The RK-4U-HKS-10 enables mounting up to 10 HighSecLabs Isolating Diodes in a 19" 4U rack space.
- PDU112**
 12 Port 12v DC power Junction box

SPECIFICATION

PART NUMBER	FT11N-4 RS-232 ISOLATOR DIODE	FF11N-4 RS-232 CONFIGURABLE FILTER
PERFORMANCES		
Bandwidth	230,400 Kb/s	230,400 Kb/s
PHYSICAL		
Dimensions	145 x 105 x 28 mm (5.8 x 4.2 x 1.1 inches)	
Weight	0.3 kg (0.64 lbs)	
POWER		
Power Requirements	DC input 12V/1.5A maximum	
AC Input	Wall-mounted power supply included. Power input 90 to 240V AC	
Power Type	External power supply	
ENVIRONMENTAL		
Operating Temperature	32°F to 104°F (0°C to 40°C)	
Storage Temperature	-4°F to 140°F (-20°C to 60° C)	
Humidity	Operational: 20% to 80% non-condensing; Storage: 10% to 90% non-condensing	
SOFTWARE		
Supported OS	Windows, Linux, Mac	
GENERAL INFO		
Product life-cycle	10 years	
Warranty	2 Years	



PDU112



RK-4U-HKS-10