

Complete Evaluation Environment for  
Viasat Embeddable Security System 1200  
Programmable Modules



The Viasat Embeddable Security System 1200 (ES-1200) evaluation kit provides a complete evaluation and testing environment for Viasat ES-1200 programmable cryptographic modules. With this kit you can demonstrate functionality, evaluate and expedite integration, and streamline embedment of the ES-1200 module into your application.

This kit provides standard interfaces for easy data and control communications over Ethernet, USB, or SPI and includes a working hardware example of the Viasat ES-12XX module. Avoid building custom hardware and begin evaluating how Viasat embeddable cryptosystems can secure your application today.

## SPECIFICATIONS

### PHYSICAL CHARACTERISTICS

#### Dimensions (W x H)

- » Without Mounting Plate 8.25 x 9.75 in.
- » With Mounting Plate 12 x 12 in.

#### Weight

- » Without Mounting Plate 1.37 lb
- » With mounting Plate 4.87 lb

### ENVIRONMENTAL

#### Temperature

- » Operational -40° to 85° C
- » Storage -55° to 125° C

### PART NUMBER

ES-1200 Evaluation Kit 1150313

## VIASAT ES-1200 EVALUATION KIT AT-A-GLANCE

- » Evaluation Interfaces\*
  - 10/100 Ethernet, USB 2.0, SPI for data and control
  - DS-101 compatible RS-485 (DB-9) key fill
  - I2C token/CIK (including token receptacle)
  - JTAG, USB consoles, status LEDs, DIP switches, push-button switches for testing
  - Power consumption monitoring
  - Battery for hold-up (optional)
- » Based on Field Programmable Gate Array (FPGA) technology
- » Software-upgradable to support future interfaces and custom functionality
- » Includes wall plug-in power supply, working ES-12XX hardware, and User's Guide



## CONTACT

### SALES

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### TECHNICAL SUPPORT

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