

Ethernet 241™

Serial/USB to Ethernet two port switch



Overview

RF IDEas' card readers are ideal for customers seeking to leverage their existing card systems with Multi-Function and Single-Function Printer capabilities. With some network applications, the addition of a network drop to accommodate a card reader for secure printing is impractical. Users may also be left desiring additional features, such as data encryption and standardized communication across different reader types. In these cases, the preferred solution is to utilize a device that provides two Ethernet ports, acting as a two port switch, that also provides the additional features for accessing card readers, eliminating the need for additional network drop installations and associated costs.

Utilizing Secure Print features save time and money throughout your organization.

Security/Compliance: Sensitive documents are no longer left visible to anyone walking up to a printer. SSL (Secure Socket Layer) is available for secure transmission of card ID data.

Day-to-Day Cost Savings: The amount of paper and toner are reduced as the amount of print jobs goes down.

Green: No longer are print jobs abandoned or forgotten at printers, wasting resources.

Flexibility: Print jobs are no longer limited to the local printer. A print job can be printed in one location and picked up at any other location, even across country. No more carrying heavy bundles of presentations from office to office.

Description

The Ethernet 241 was designed to allow an RF IDEas card reader and an application device to simultaneously communicate via an Ethernet connection, using a single network drop. The Ethernet 241 acts as a two-port switch that provides a pass-thru Ethernet port for a printer and a second Ethernet port that is built into the device.

The 241 device has two Ethernet connectors designated as the Network port and Printer port. The Ethernet 241 provides one USB port, one RS-232 DB9 port and one 5 VDC port that is used to supply power to the unit via the supplied power adapter.

The USB and serial ports are intended for use by RF IDEas' pcProx, pcSwipe and MFP24 readers. Both USB and serial ports operate independently and can support simultaneous card presentations.

Applications



Secure Printing



OEM

Features

Network Addresses: Two: One for Ethernet 241; One for printer

Address Assignment: DHCP or Static

Reader Configurability: Through pcProx Config Utility or ACP commands

Details

The Ethernet 241 connects to a network using auto-negotiate (default), 10 Mbps half duplex, 10 Mbps full duplex, or 100 Mbps full duplex. The device has the ability to use DHCP or Static IP addresses and allows all Ethernet connections and ports to be configurable.

The printer device retains its own IP and MAC address. The Ethernet 241 will pass through all communication between the printer and the network untouched. Messages for the 241 device are not sent to the printer.

There are two reader ports — a serial port and a USB port. Either one (or both) can be used, allowing for various RF IDEas' readers to be integrated. For configuration, the pcProx Config Utility can establish a tunnel to the pcProx readers through the Ethernet 241. In addition, automated scripts will allow ACP commands to be sent to the reader upon reader initialization or the reading of card data.

The Ethernet 241 can operate as a client or a server for transmitting card and reader data. In client mode SSL (Secure Socket Layer) can be optionally enabled for secure encryption of card data during transmission.

The Ethernet 241 Discovery Tool PC application allows for easy maintenance of multiple Ethernet 241 devices on a network.

Please feel free to call, email or visit our website for a full list of applications, products, configuration options, supported cards and form factor specifications. Our website includes application videos, support materials, case studies and detailed information about our product line.

RFID EAS

Single Badge Solutions for Identification and Access

Specifications

Dimensions: 3.88 x 3.13 x 1 in.

Weight: 3.95 oz. (112 g)

Power Supply: 5 VDC 1.0A

Ports: (2) RJ 45; (1) USB; (1) RS-232 DB9; (1) Mini USB
5VDC power supply input.

Mounting: Super Velcro tabs (included)

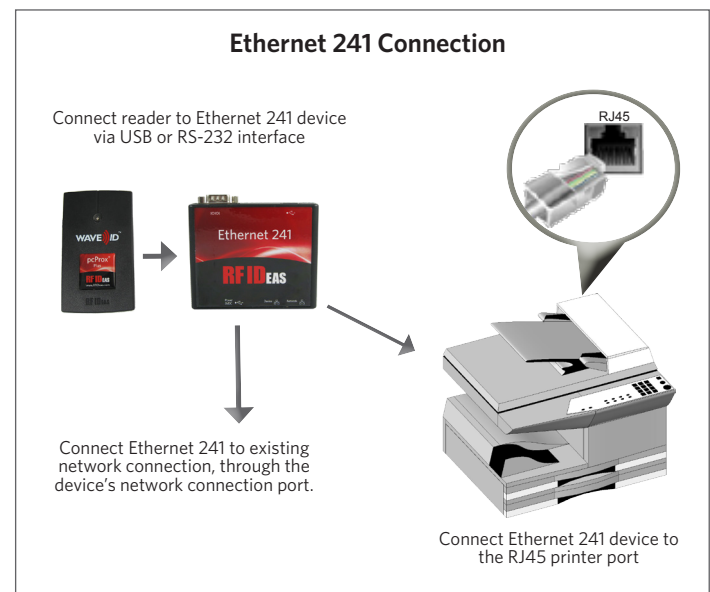
Indicators: LED for power condition and error faults

Warranty: One year for material/workmanship defects; see complete policy for details.

Certifications: FCC, United States; CE Mark, Europe; C-TICK, Industry Canada

Typical Application

The user presents a card to the RF IDEas reader located on the printer. The secure print software on the server obtains the employee ID via Ethernet makes the decision to release a user's print jobs to the printer.



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About LOGISCENTER

Grupo Logiscenter is the leading provider in Europe of automatic identification and data capture equipments. Our products include barcode printing and reading devices, mobile computing devices, wireless access points, identification cards, and consumables.

Reasons to work with us

Our customers come first. Our objective is not only selling our products but also holding a long-lasting relationship with our customers, based on the benefits and advantages we create for you and your company.

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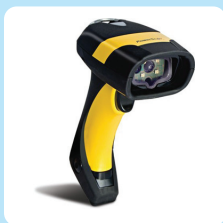
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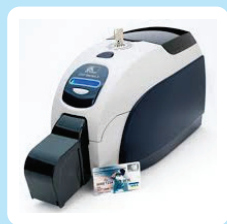
Label printers



Barcode readers



Data terminals & PDA



PVC card printers



RFID



Consumables
(labels, ribbons, PVC cards)

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