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.

rf IDEAS WAVE ID® Plus and pcSwipe™ 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. Utilizing Secure Print features save time and money throughout your organization.
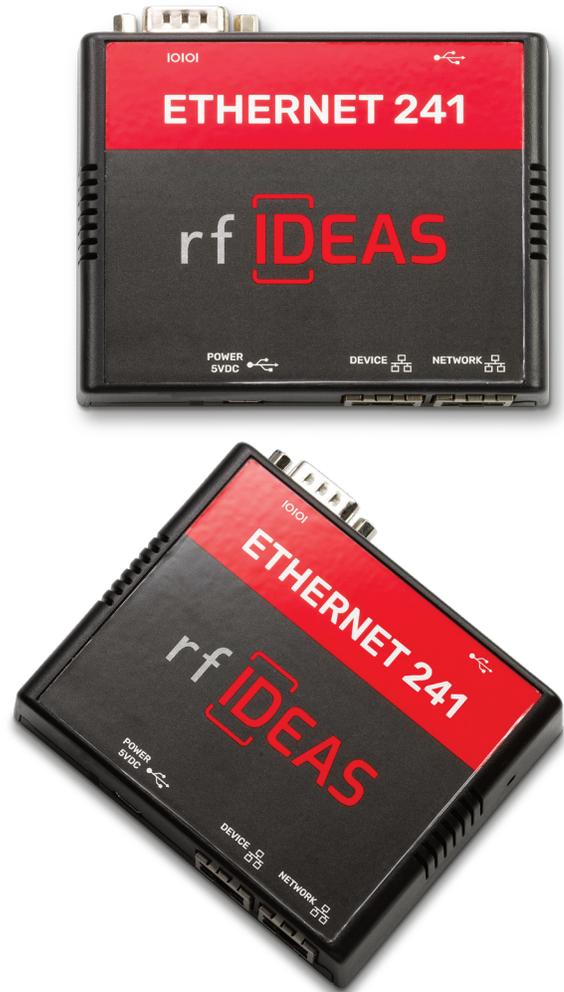
The Ethernet 241 acts as a two-port switch that provides a pass-thru Ethernet port for a printer and a second Ethernet port that is built into the device. The Ethernet 241 device has two Ethernet connectors designated as the Network port and Printer port. The Ethernet 241 provides one USB port, one RS-232 DB9 port and one 5 VDC port that are used to supply power to the unit via the supplied power adapter.

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 used is reduced as the amount of print jobs go down.

Supports Sustainability Initiatives

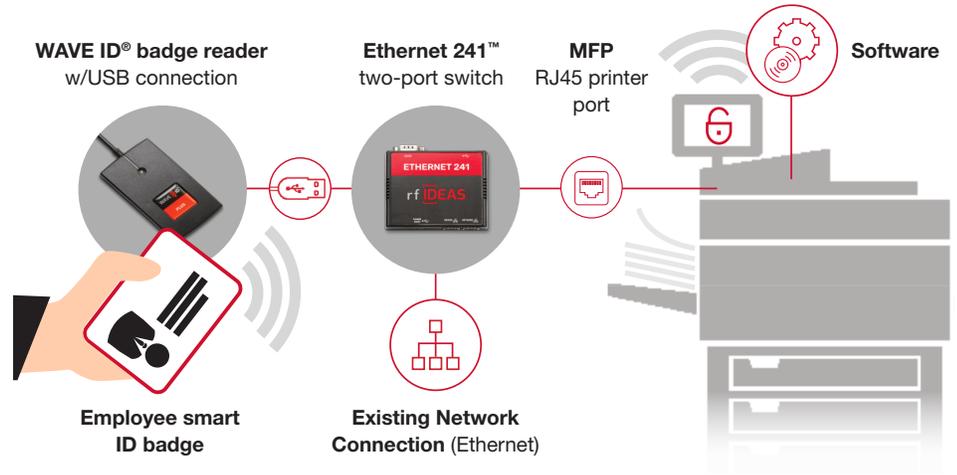No longer are print jobs abandoned or forgotten at printers, wasting resources.

Designed for 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.

Trust begins here.™

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 the Ethernet 241 and makes the decision to release a user's print job(s) to the printer.

WAVE ID® badge reader w/USB connection

Ethernet 241™ two-port switch

MFP RJ45 printer port

Software

Employee smart ID badge

Existing Network Connection (Ethernet)

STANDARD FEATURES	
Network Addresses	Two: one for Ethernet 241; one for printer
Address Assignment	DHCP or Static
Reader Configurability	Utilizing the Discovery Tool configures all Ethernet 241 devices connected to the server automatically.
PHYSICAL CHARACTERISTICS	
Dimensions (inches)	Height 3.88" (9.8552cm) x Width 3.13"(7.9502cm) x Length 1"(2.54cm)
Weight	3.95 ounces (112g)
Power Supply	5 VDC 1.0A (included)
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
OTHER	
Certifications	FCC–United States; CE Mark–Europe; RCM–Australia; IC–Industry Canada
Compatible Operating Systems	Windows XP®/7®/8.1®, 10® and Linux