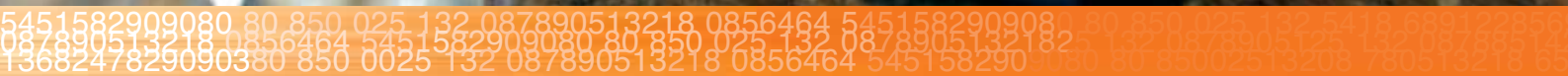


Printer Communications Module

Keycorp's Innovative Connectivity



The K76 Printer Communications Module can put more money into your pocket. With advanced communications, transactions can be completed in an average of four seconds or less. This enables more customers to move through the queue and means higher transaction volumes.

Add up the savings

With the K76 Printer Communications Module you can remove dial lines to terminals eliminating both line charges and per minute costs. It will improve productivity through faster check-out lines and faster transactions. Increased speed will also enable faster application downloads creating further opportunity for saving money.



K76 Printer Communications Module

KEY FEATURES

Lower communications costs

High speed, fast transactions

Clamshell drop-in loading printer mechanism

Simple and cost-effective upgrades with modular approach

The flexibility to target new markets and retain existing merchants. It's a high speed world on the broadband highway. Chances are merchants already have a broadband connection or are looking to adopt broadband connectivity (ADSL, Cable, Satellite or wireless). Many of them are looking to eliminate their phone lines (and associated costs) and move their

transaction processing to their lightning fast, always on connection.

The ability to offer merchants the right facility to enable them to continue their business on the broadband highway will provide a powerful retention tool and open entry into previously unexplored markets or little penetrated markets such as Quick Service restaurants.

Unprecedented investment protection. With the versatility of the K76 Printer Communications Module, customers who have made the investment in previous Keycorp products can provide a simplified upgrade path for their existing customers. With Keycorp's unique modularity, merchants who have not made the transition to broadband connectivity can still take advantage of the Keycorp solution that combines both dial and broadband connectivity. They can use the dial modem and then simply swap the cable over when they do make the switch to high speed connectivity. This provides additional benefits to inventory management, saves on shipping costs and logistics and avoids the expense of replacing the terminal.

Advanced security with support for Secure Sockets Layer (SSL) and 3DES provides protection for transaction data for today and emerging security standards. Transaction security is paramount in today's payment processing environment and Keycorp has a well established and trusted brand. The security features in the K76 continue to enhance our well-deserved reputation. Retailers, card holders and processors can be sure that their data is well protected.

Enhanced support for value-added applications is increasingly important. Access to the broadband highway will allow retailers to access value-added services much more cost-effectively. No longer confined to a slow dial-up modem, value-added services can be quickly loaded, modified and reloaded pending business needs. Simplified application management can also significantly reduce the costs of managing multiple value-added applications, increase their availability and in turn increase their value. Value-added services can also be highly targeted for specific marketing campaigns and removed efficiently once a campaign is completed, driving maximum value from the value-added service.



Keycorp has a number of value-added services which its applications customers can take advantage of - Keycorp's Fox Technology and F-Poz™ software suite – which include the following services: mobile top-up applications; loyalty services; business intelligence modules and many more. Please see you local sales representative for further details on how you can derive more value from your current business with Keycorp's value-added services.

Modular design, versatile use

The K76 Printer Communications Module uses the latest thermal technology. There are no messy inks, ribbons or toners and there is never a problem with faint or uneven printing. The K76 provides a clean, yet convenient operation. It is important in today's constantly changing business world to provide customers with adaptable and flexible payment terminal solutions.

The K76 Printer Communications Module can be combined with the K23 or K71 PIN pad / Terminal to create a complete standalone payment solution. Experience has proven that a two-piece solution where the PIN pad can be easily and simply handed to the customer is a much preferred solution for both consumers and retailers. In fact, many markets are now mandating that the card must never leave the cardholders hands further enhancing the need for greater ease-of-use.

In an ever-changing marketplace this also provides Keycorp customers with the ability to upgrade the communications of the solution in the field. All without changing the PIN pad and let's not forget the benefits this creates for maintenance and repairs.

With an outstanding graphics display, vertical magnetic stripe reader, modular SAMs the innovative styling and simple ergonomics of the K23 aid ease-of-use and installation.

The sophisticated security architecture employed in the K23 that includes secure keyboard scanning and application file signing has easily surpassed the industry requirements for EMV and Visa PED – all with great performance.

Don't keep your merchants waiting. Keycorp's innovative terminal and modular communications solutions are here today. With the ability to adapt and change to meet ever-evolving business requirements, Keycorp can help lower your costs and enable you and your merchants to increase revenue.

Benefits

- Lower communication costs by eliminating the need for dial lines exclusive for the point-of-sale
- Faster transactions using either the high speed 56.6 kpbs modem or Ethernet connectivity. Faster transactions translate into increased customer throughput
- Clamshell-style printer mechanism eases paper roll replacement
- Modular approach makes logistics, handling and service easier
- Part of a highly effective and reliable solution. Keycorp's two-piece solution has proven to be an outstanding solution for today's marketplace



Printer Communications Module

TECHNICAL SPECIFICATIONS

Communications

10/100BaseT connectivity
 TCP, UDP, DHCP, FTP, SNMP,
 HTTP, SMTP, ICMP, ARP with
 SSL security
 56.6kpbs modem with v.90
 TTL
 RS-232 for additional
 peripheral connectivity

Printer

Size: 57mm
 Type: Thermal fixed printhead
 Speed: 15 lines per second

Thermal Software

Graphics
 Multiple Fonts
 Inverse Text Printing
 Bar code printing

Smartcards

Option of 4 SAMs

Security

SSL (Secure Socket Layer),
 3DES, RSA, Software
 Programmable

Dimensions

Length 92mm (3.6 in), Width
 117mm (4.6 in), Depth
 152mm (6 in)
 Weight 340g (0.75 lbs)

Standards and Certifications

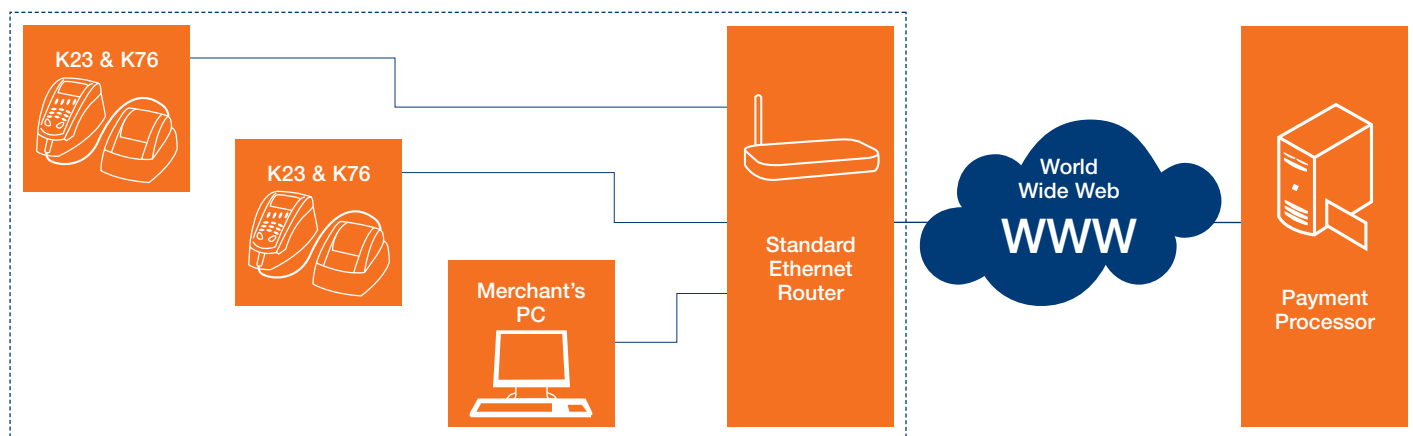
CISPR 22
 EN 55022; EN 55024
 FCC; 60950 (IEC, AS/NZ)
 AS/ACIF S002; TBR 21; PTC
 200; CS-03; TIA-968-A

Environment

Operating temperature: 0°C to
 40°C (32°F to 104°F)
 Storage temperature: -20°C
 to 60°C (-4°F to 140°F)
 Relative humidity: 10% to
 90% non-condensing
 Power 9v Universal DC



Typical Merchant Installation



A typical merchant installation with broadband Internet connected devices.

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