



OMNI 490

With its clearly labeled function keys, easy-to-read display and built-in PIN pad, OMNI 490 lets customers initiate their own transactions using ATM, credit or private-label cards. That means faster service and greater satisfaction for customers—and a healthier bottom line for multi-lane retailers.

The OMNI® 490 system communicates with data networks through electronic cash registers (ECRs) or through the VeriFone® Payment System (VPS) controller. In either configuration, OMNI 490 provides fast, reliable Transaction Automation for your business.

In addition to accepting payment cards, OMNI 490 can perform check verification and check guarantee. And it supports frequent-shopper applications that help encourage customer spending.

Powerful Performance In Stand-Beside Or Integrated Solutions

When connected to the VeriFone Payment System controller, OMNI 490 outperforms other POS terminals because it shares data processing, communications and storage with the controller. VPS acts as the central point for communicating, processing and storing information and transactions—providing high-speed communications for as many as 31 OMNI 490 systems. And it provides centralized reporting, generating a consolidated transaction report for all OMNI 490 systems in the network or individual reports for each.

OMNI 490's integrated solution allows you to take advantage of the capabilities of your existing ECR system, without having to invest in new equipment. In an integrated setup, your clerks enter payment card transactions directly into the ECR, which communicates with the store controller and handles the printing of receipts.

Fast, Efficient Offline Processing

Equipped with either 256 or 512 Kbytes of random access memory, the OMNI 490 lets you store negative-file, frequent-shopper or other programs locally. So you can perform these applications off line, without incurring the time or expense of communicating with the host computer. And you can benefit from these or other revenue-enhancing applications without penalizing your customers through slower checkout times.

Easy Customer Operation

Everything about the OMNI 490 system has been designed for easy customer operation. Like an ATM, OMNI 490 leads customers through each step of a purchase—prompting them when to slide their cards through the magnetic-stripe reader, when to key in their PINs and when to press the enter key. Keys are clearly labeled with the functions they perform, and the screen can be read in virtually any light.

Encourages Customer Spending

OMNI 490 helps you encourage customers to continue to do business with your store. Its dual-track card reader can capture the customer's name and other information encoded on track 1 of a payment card. You can use this data to personalize receipts. And you can correlate the data with the customer's buying habits to create frequent-shopper and other marketing promotions that help boost sales.

Customers enrolled in frequent-shopper programs spend more each time they shop. They like being treated as individuals rather than as members of an anonymous group. And they are more likely to remain loyal.

Multitasking For Greater Efficiency

A true multitasking system, the OMNI 490 speeds service during busy periods. It initiates communication with the host computer while the customer is performing his or her part of the transaction—whether it's sliding a payment card through the system's reader or entering a PIN.

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Features

- Accepts all major credit, debit and private-label cards
- Provides low-cost credit card authorization, data capture, electronic funds transfer and check verification or check guarantee for a variety of multi-lane retail applications
- Includes an internal PIN pad that allows customers to enter their own PIN numbers for debit card transactions
- Meets the ANSI x9.8 PIN encryption standard for the protection of customers' funds in debit card transactions
- Supports negative files, sales accounting, time and attendance and other business information applications
- Simplifies the creation and updating of application programs through the industry-standard C language
- Operates in synchronous and asynchronous networks for maximum communications flexibility and efficiency
- Connects to a variety of VeriFone peripherals—slip, roll, journal and sprocket printers and cashier pads—for debit card transactions
- Performs multiple functions concurrently, speeding customer service

Specifications

Hardware

Microprocessor	Toshiba® 68301 (11 MHz)
Memory	256 Kbyte battery-backed RAM (512 Kbyte option) 256 Kbyte EPROM
Display	2-line, 20-character dot matrix vacuum fluorescent display
Keyboard	24 keys: 4 screen addressable; 8 function keys; 12-key telephone layout
Card Reader	Bidirectional, supports both track 1 and track 2
I/O Ports	Standard: 3 RS-232 serial ports for a slip, roll, sprocket or journal printer or a cashier pad; also can support a bar code wand or an external synchronous modem Options: 1 LAN port 1 port for connection to an IBM 4683 or other ECR 2 ports, 1 LAN and 1 ECR

Communications

Protocols	Software selectable between asynchronous and synchronous
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Physical

Height	2.3 in (58.4 mm)
Width	6.9 in (175.3 mm)
Depth	7.0 in (177.8 mm)
Shipping Weight	2.0 lb (0.9 kg)

Environmental

Operating Temperature	0° to 40° C (32° to 104° F)
Operating Humidity	10% to 80%, non-condensing

Power

Voltage	120 VAC, 60 Hz
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