PLATFORM VALIDATOR

VIX

KEY FEATURES

Large, clear, back-lit colour TFT display

Rugged exterior; built for use in extremes of temperature and humidity

Fully programmable user interface

Multi-language support

Supports wireless LAN, RS422, RS232 and Ethernet, for the automatic transfer of usage and configuration data

PCP6000

ABOUT VIX

Vix transforms the way people connect and commute around the world. With over 25 years experience and 250,000 devices deployed worldwide, our range of products can be relied upon to transform your transit operations.

Vix's dedicated in-house product development team consisting of industrial designers, mechanical engineers, component engineers and manufacturing specialists are able to provide both off the shelf or turnkey solutions. From conceptualisation and design, through to prototyping; manufacturing and testing through to post-production support. You can rely on Vix to create devices that deliver and are cost effective.

OVERVIEW

Robust, easy to recognise and easy to use. The Vix PCP6000 Series of platform validators allows patrons to validate their trips adjacent to boarding a train, Bus Rapid Transit vehicle or other form of transportation. Alternatively, the validator can be set up anywhere to advise patrons of their smart card balance information. With a full colour, backlit display capable of displaying animations and voice quality audio, the options for patron feedback are endless.

This rugged device is housed in a cast steel body, with various freestanding pole or wall mounting configurations, and rated IP65, it is a truly flexible platform solution. The patron interface is available with additional options such as up to ten fare zone buttons and a headphone output. The rugged hood can be manufactured in a variety of colours to suit your needs and branding.

TECHNICAL SPECIFICATIONS

Patron Interface	Bright colour 5.7'' TFT allowing high contrast graphics, including animation illuminated indicators under the screen Digital audio – allowing high quality audio, including voice messages Contactless card reader antenna Fully programmable user interface Multi-language support
Communications	10/100Mbps Ethernet RS485 High speed SAM support for up to 4 SAMs USB 2.0
Card Reader Support	Supports ISO 14443 Types A, B and C Supports ISO 18092 Peer-to-peer (active/passive) NFC Contactless Credit Card ready
Options	Up to 10 tactile, RGB back-lit buttons 802.11 b/g/n WLAN, GPS, 3G/GPRS Custom logos and artwork available ARCNet communications available for legacy installations
Compliance	Vix Products supplies products to meet many local and globally recognised standards such as CE, RoHS, FCC, various smartcard standards and many others. For more details on how Vix products can meet your local requirements please contact Vix directly.
Integration	The PCP6000 can be operated as a standalone unit or as part of a wider platform or terminal solution, incoporating additional contactless smartcard and/or magnetic validators, bus computers, driver units, passenger information and announcements, as well as integrating with third-party devices into a single network.
Effortless Maintenance	Rear door is locked to prevent unauthorised access.
Configuration	400MHz PowerPC processor with additional inbuilt core for realtime processing 256 MB DRAM (upgradeable to 2GB) 1 MB SRAM (upgradeable to 2MB) 1 GB Flash (upgradeable to 8 Gbytes)
Physical	IP65 (IEC 60529) IK08 impact resistant

Stringent reliability testing on all equipment is undertaken. To ensure highest quality, specifications may change.

Other iVal™ Devices

| V6000
Validator | CP6500
Card Processor | DC6000
Drivers Console | EB6000
Expansion Box | TP5700
Ticket Processor |

The iVal™ product range is an suite of innovative fare management devices. They all include TFT screens providing high resolution, easily viewable colour displays and use an open architecture based around the Linux OS in order to increase reliability and code reuse. Vix iVal the new standard for reliability, maintainability, robustness and ease of use. Powered by Vix's OEM Viper™ processor, Vix iVal devices feature a second processor core for handling real time functions, modern high speed communications interfaces, including 100Mbps Ethernet and USB 2.0, and fast, high capacity memory to meet the needs of the modern AFC system.