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RE: PCP6100 Validator port details.

KEY FEATURES

Rapid trip validation through smart card processing

Colour screen and LEDs for validation result in a compact design with mounting options

EMV L1 & L2 certified to PayPass and payWave, ISO-14443 and NFC support

Rugged design to cope with harsh conditions



ABOUT VIX

Vix is a global provider of integrated transit and mobility systems making it easy for people to use and pay for urban transport.

We design, manufacture, deliver and operate intelligent transport, fare collection and passenger information systems for transit operators around the world, serving over 140 million users in 25 countries.

Vix products and services encompass a wide range of transport and transit solutions including Automated Fare Collection (AFC), Intelligent Transport System (ITS), Real Time Passenger Information (RTPI) and Central Clearing House (CCH) services.

OVERVIEW

The Vix PCP6100 Platform Card Processor allows passengers to validate their trip quickly and simply. It can also be configured to show customers their smart card products and balances.

It is designed for platform mounting adjacent to boarding locations for trains or other public service vehicles. Transaction approvals are indicated using a four LED cluster. Each cluster comprises four high brightness RGB LEDs, ensuring readability even in direct sunlight.

The compact design and active cradle mounting of the PCP6100 Platform Card Processor allows easy mounting in any platform location. Options are available for wall mounting and either single or double headed pole mounting.

The PCP6100 has been designed to withstand the harsh conditions of rail environments, and is ideal for use in unattended locations. Rugged and vandal-resistant, with a cast steel body, it can withstand extreme environmental and climatic conditions. The full colour LCD screen is protected by an extremely strong, impact resistant, laminated glass window.

The integral amplifier and speaker allow messaging, and multiple languages are supported.

The PCP6100 is certified fully ITSO compliant, and is EMV L1 and L2 certified to PayPass and payWave.



1. Port Details:

a. USB (internal)

The PCP carrier board has USB interface that is V2.0 compliant with support up to 480Mbps speed. This port is not used in normal operation. It is used only for programming the device in factory. This port is not accessible outside the device.

b. RS-232 – Diagnostics (internal)

A diagnostics port operating at 15,200bps is incorporated for debugging purposes. This port is only available internally in the PCP6100 via a connector on the main. This port is not accessible outside the device.

c. Ethernet

The Cobra provides for an IEEE 802.3 Ethernet LAN interface with support of 10/100BaseT (10/100Mbps) operation with auto detect.

Only this port is available externally to the PCP6100 via the rear door connector.

d. RJ45 second connector

RJ45 second connector is not used.

Gino Bertino



Operations Manager
Vix Asia Pacific

