DC6000 DRIVER'S CONSOLE

KEY FEATURES

Clear display of journey status and passenger transactions

Large, brightly illuminated tactile keys

Configurable touch screen interface

Robust design for all automotive applications

Optional integral GPS and GPRS/3G for real time tracking and navigation

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 DC6000 Driver's Console provides an easy to read display of the vehicle's journey status and passenger transactions. It can be used either as part of an integrated on-bus network with fare collection devices or as a standalone driver interface device.

It can be used with other devices from the Vix iVal range to provide a complete on vehicle solution. The extensive interconnection options allow the DC6000 Driver's Console to interface with devices such as vehicle location systems, automatic vehicle management systems, portable hand-held inspection devices, laptop computers and other legacy equipment.

The GPS and GPRS/3G options allow vehicle locations to be determined and transmitted to fleet monitoring and display systems. This enables effective real time vehicle tracking and navigation to aid fleet management.

The compact but robust design of the DC6000 Driver's Console allows easy mounting in any vehicle location. The integral amplifier and speaker allow messaging, and multiple languages are supported.

The DC6000 Driver's Console has a range of communication options and simple memory upgrades to expand its processing capabilities. Wireless networking capabilities reduce install and upgrade costs.

TECHNICAL SPECIFICATIONS

Product code	DC6000 Driver's Console
Driver interface	The DC6000 incorporates a bright colour 7 inch TFT-LCD display, allowing high contrast graphics and animation Wide VGA resolution screen with automated backlight 10 multi-colour backlit tactile keys and capacitive touch screen Digital audio allows high quality sound, including voice messages through a speech-capable speaker Fully programmable user interface Multiple language support.
Electrical	Communications: Quad 100Mbps Ethernet (four external channels) Dual RS232 RS485/RS422 Quad USB 2.0 (480Mb/s) High speed SAM support for up to four SAMs Internal 802.11b/g/WLAN to 150Mb/s Optional GPS and GPRS/3G External audio channels for PA system connection. Power supply: 9V dc to 38V dc from the vehicle supply.
Configuration	Contains a 400MHz Viper Power PC 256MB DRAM 1MB SRAM 2GB Flash memory (upgradeable to 64GB) Operating system: Linux.
Physical	Dimensions: (h) 133mm x (w) 250mm x (d) 79mm Mounting: Quick release lockable cradle assembly incorporating active cradle capability Operating Temp: -20°C to +55°C Storage Temp: -30°C to +70°C Environmental: IP54 (to BS EN 60529) Impact resistance: IK08 (to BS EN 62262).
Audio	Integral 3W amplifier and speaker.
Options	Custom branding through logos and artwork Internal GPS and GPRS/3G with internal or external antennas Built-in ISO14443 type A and B contactless smart card reader Expansion card option for video input and additional RS232, RS485, RS422, CanBus J1708/J1939.
Compliance	Vix supplies products to meet many local and globally recognised standards such as CE, RoHS, FCC, various Smart Card standards and many others. For more details on how Vix meets your local requirements please contact Vix directly.

Stringent reliability testing is performed on all equipment.
To ensure the highest quality, specifications may change without notice.

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Vix operates a Quality Management System and is certified to be compliant with ISO 9001:2008 and EMS ISO 14001:2004