

THE BEST SOLUTION IN INDUSTRIAL CONTROL

cMT-iPC15 & cMT3151

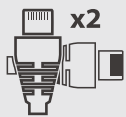
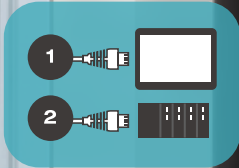
A perfect data integration of the upper and lower layers of the factory



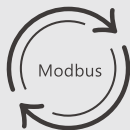
cMT3151



cMT-iPC15



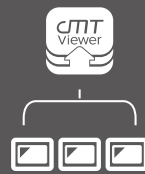
Dual Ethernet



Connet to 250+ Driver



Built-in MySQL Client



cMT Viewer



EasyLauncher

Introduction

Before, the conventional cell phone could only be used for calling and texting. Following the introduction of iPhone 3GS, phone usage entered a new era - an era of smart phone. With the ability to run third party applications, smart phones not only expand the capability of the phones, but also eliminate the cost associated with the purchase of task-specific device. For example, downloading a GPS app removes the need for a GPS device; downloading a dictionary app removes the need for an electronic dictionary; using the camera function of the phone plus a photo editor app removes the need for a digital camera; and using the built-in clock app removes the need for an actual clock.



■ Introduction (continued)

Let's adopt the same concept to the industrial control field. Conventional HMI can only be used for parameter input, machine control, data logging, alarm notification, and plays only a complementary role to the PLC. In contrast, the HMI in the generation of industry 4.0 must be able to run third-party applications on the same platform. Example scenario include: Viewing, exporting, and printing the data I event log of the device in Excel, consulting the user manual in PDF Reader, modifying PLC program in PLC programming software, contacting a personnel in a remote office through messaging app such as Skype. Just as how cell phones have evolved into smart phones, the conventional HMI should evolve into smart HMI. That is, HMI not only functions as monitoring and control device on the plant floor, but also serves as a communication bridge linking on-site machine and a host computer (eg: ERP, CMS, SCADA). Weintek has released a brand new model cMT-iPC15, which functions as HMI, and also runs third party applications. cMT-iPC15, based on Windows OS, can connect cMT-SVR using cMT Viewer and serves as HMI, and it runs third party applications. By using Easylauncher dedicatedly designed by Weintek R & D group, it's easy to customize cMT-iPC15's desktop into smart phone-like UI and manage access control of apps.

■ cMT-iPC15 Features

High Efficiency :

- Intel Dual-Core Atom E3827 CPU, 32GB SSD Flash, 4GB RAM.

Advanced-visualization :

- High Resolution (1024 x 768 Pixels) LCD, 16.2M color display, maximum 80° viewing angle, which ideally optimizes monitor vision.

Rich I/O :

- Dual Ethernet, SD/SDHC, USB 2.0 x 2, and USB 3.0 x 1.

Great Stability :

- The water penetration resistance avoids corrosion of the PCB, and the two industrial level protections: PCB Coating and Power Isolation ensure HMI's durability and reliability in any harsh environment.

■ cMT3151 Features

High Efficiency :

- iMX6 dual lite, 4GB Flash, 1GB RAM.

Advanced-visualization :

- High Resolution (1024 x 768 Pixels) LCD, 16.2M color display.

Rich I/O :

- Dual Ethernet, SD/SDHC, USB 2.0 x 1, Micro USB 2.0 x 1, COM1:RS-232/RS-485 2W/4W, COM3:RS-232/RS-485 2W, CAN Bus, Video Input, and Audio Output

Great Stability :

- The water penetration resistance avoids corrosion of the PCB, and the three industrial level protections: PCB Coating, Power Isolation, and isolated RS-485 ensure HMI's durability and reliability in any harsh environment.

■ EasyLauncher Features

User-defined shortcuts of frequently used apps :

- The shortcut name and icon of the application can be customized and placed in different categories and different pages. For example, place Excel, PDF Reader in Document page, and Media Player in Media page.

Swiftly switch between different applications :

- The Easylauncher operation interface can be brought to the top once the user presses the circle icon of Easylauncher. In this way, when monitoring cMT-SVR, switching to another application is easy through Task list.

Flexible and customizable operation interface :

- The user can not only customizes the way Easylauncher opens the menu and the location of the menu, but also decides whether to display the task bar in Windows at startup (i.e., prevents Windows Explorer from launching at startup). The order of running programs after startup can be configured; for example, it can be configured to opening PDF Reader, Media Player, and Easylauncher in sequence.

■ EasyLauncher Operation Steps

1. Download Easylauncher from Weintek official website and install Easylauncher in Panel PC (ex: cMT-iPCIS).
2. Connect cMT-SVR
3. Add the frequently used third party applications and set up the environment to use Easylauncher.
4. Experience the high efficiency and powerful functionality of Easylauncher.



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