

MT8073iE

MT8092XE

With Dual-Ethernet ports,



MT8073iE & MT8092XE satisfy most of industrial automation applications

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Connect to Control Station

2

Connect to PLC

■ Introduction

Ethernet is a better communication interface in every aspect compared to the traditional RS-232/485 serial port, for its lower cost, faster speed, higher reliability, and better noise immunity. More and more PLCs have adopted Ethernet interface as standard equipment, and it can be expected that within the next five years, Ethernet is poised to rise as the standard communication method between HMI and PLC.



■ Introduction (continued)

With the rapid development of emerging industrial control field, the smart factory, which emphasizes on integration, efficiency, and intelligent control, is leading the HMI towards a role that links the upper and lower layers of the factory. That is, the HMI not only functions as monitoring and control device on the plant floor, but serves as a communication bridge linking the on-site controller with the host computer (eg: ERP, CMS, SCADA). If HMI only has one Ethernet port, simultaneously connecting HMI with the controller and the host computer requires that all three nodes (HMI, controller, host computer) be in the same network. While Ethernet bandwidth is generally not of concern, security is. In this kind of system, security concern arises when the controller is at risk of external access via the host computer since the host computer may be connecting to the external network.

Weintek has released two new models equipped with dual Ethernet ports: MT8073iE and MT8092XE. Dual-port ensures that the HMI can be on two independent networks, whereby one port connects to the controller, and the other one connects to the host computer or is used for remote control (ex: EasyAccess 2.0). Not only will the separation of networks effectively avoid the possibility of network interference and congestion, but it will also greatly improve the reliability and stability of data transfer, leaving out security concerns.

■ Features

Remote access service, EasyAccess 2.0 :

- The EasyAccess 2.0 license is included with the MT8073iE and the MT8092XE, therefore it is not required to use activation card to activate EasyAccess 2.0 service.

Efficiency :

- MT8073iE is equipped with Cortex A8 600MHz CPU, 128MB Flash, and 128MB RAM.
- MT8092XE is equipped with Cortex A8 1GHz CPU, 512MB Flash, and 256MB RAM.

Advanced-visualization :

- MT8073iE and MT8092XE have maximum viewing angle up to 70°, which ideally optimizes monitor vision.
- MT8092XE is equipped with the 9.7"high-resolution (1024 x 768 pixels) LCD.

Multiple Connectivity :

- MT8073iE and MT8092XE support powerful connectivity for more than 250 different brands of PLCs, drivers, etc.

Communication :

- MT8073iE and MT8092XE are equipped with dual Ethernet ports.
- MT8073iE and MT8092XE are equipped with Con.A: COM2(RS-485 2W/4W), COM3(RS-485 2W); Con.B: COM1(RS-232), COM3(RS-232 2W).
- MT8092XE is equipped with CAN Bus.

Reliability :

- MT8073iE and MT8092XE have two industrial level protections: PCB Coating and Power Isolation.
- MT8092XE has water penetration resistance to avoid corrosion of the PCB to ensure HMI durable and reliable in any harsh environment.



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