MT8000IE

Product Data Sheet

MT8102iE

Ten-inch touchscreen operator panel

DISPLAY DIAGONAL	DISPLAY TECHNOLOGY	PIXEL RESOLUTION	FLASH MEMORY
10.1 in	**TFT LCD**	**1024 x 600**	**128 MB**

Weintek MT8102iE is a 10.1-inch TFT touchscreen HMI in the MT8000iE range. Its 1024 x 600 display, single-core RISC processor and 128 MB each of flash and RAM support a dedicated operator-interface project with serial and Ethernet connections to the controller.

01 TECHNICAL DATA

Display diagonal	10.1 in
Display technology	TFT LCD
Pixel resolution	1024 x 600
Flash memory	128 MB
RAM	128 MB
Processor architecture	Single-core RISC
Ethernet interface	1 x 10/100Base-T
Nominal power supply	24 V DC
Rated current	650 mA at 24 V
Operating temperature	0 to +50 °C

02 ADDITIONAL PRODUCT DATA

Humidity	10 to 90% noncondensing
Maximum panel thickness	4.5 mm
Mounting screw torque	2.6 to 3.9 lbf.in
Power connector torque	3.47 lbf.in maximum
Front environment rating	NEMA 4 indoor

03 PRODUCT FUNCTION

The panel uses a 24 V DC supply with a listed 650 mA consumption and one 10/100Base-T Ethernet interface. Serial connections include RS-232 and RS-485 arrangements with shared-port restrictions. The original MT8102iE is a CE-listed model; its specification must be distinguished from the recommended cMT2108X2 successor and from other iE suffix variants.

04 SYSTEM COMPATIBILITY

Mount the panel vertically in a sufficiently rigid enclosure using the specified 260 by 202 mm cutout and all supplied brackets. Keep the panel thickness at or below 4.5 mm and provide the installation-guide ventilation clearances.

05 REFERENCE

Weintek MT8102iE technical data and applicable product instructions

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