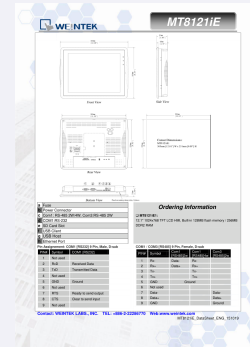


FIELD INSTALLATION QUICK GUIDE

Installation Instructions

MT8121IE

12.1-inch touch panel HMI



PRODUCT	MT8121IE
FAMILY	Weintek iE Series HMI
FUNCTION	12.1-inch touch panel HMI
STATUS	Verify exact installed equipment

Prepared by Amikon Limited from Weinview documentation. This guide supplements the complete manufacturer manual and site procedure.

01

CONFIRM THE ORDERED CONFIGURATION

Display	12.1 in TFT
Resolution	1024 × 768 pixels
Brightness	500 cd/m²
Contrast Ratio	700:1
Backlight Life	Over 30,000 h
Colors	16.2 million

02

PREPARATION AND CONNECTION

- Confirm the complete MT8121IE article number and installed revision.
- Isolate applicable electrical and process energy using the approved site procedure.
- Record every connector, cable, terminal, shield and protective-earth connection before removal.
- Install without forcing keyed parts, then secure terminals, latches, fasteners and cable supports.

MT8121iE

Front View

Side View

Rear View

Cutout Dimensions:
MT8121iE
305mm (12.01") W x 231mm (9.09") H

Bottom View

Pin Assignment: COM1 [RS232] 9 Pin, Male, D-sub

PIN#	Symbol	COM1 [RS232]
1	Not used	
2	RxD	Received Data
3	TxD	Transmitted Data
4	Not used	
5	GND	Ground
6	Not used	
7	RTS	Ready to send output
8	CTS	Clear to send input
9	Not used	

Ordering Information

□ **MT8121iE1:**
12.1" 1024x768 TFT LCD HMI, Built-in 128MB flash memory / 256MB DDR2 RAM

COM1 / COM3 [RS485] 9 Pin, Female, D-sub

PIN#	Symbol	Com1 [RS485]2w	Com1 [RS485]4w	Com3 [RS485]2w
1	Rx-	Data-	Rx-	
2	Rx+	Data+	Rx+	
3	Tx-		Tx-	
4	Tx+		Tx+	
5	GND	Ground		
6	Not used			
7	Data-			Data-
8	Data+			Data+
9	GND			Ground

Contact: WEINTEK LABS., INC. TEL: +886-2-22286770 Web: www.weintek.com

MT8121iE_DataSheet_ENG_151019

04

COMMISSIONING CHECKS

- 01 Confirm product identity and mechanical seating.
- 02 Verify the documented supply before energising.
- 03 Inspect polarity, shielding and protective-earth connections.
- 04 Restore power in the approved sequence and observe status indications.
- 05 Test each connected input, output or communication path.
- 06 Record diagnostics and functional-test results before return to service.

05

CONTROLLED DOCUMENT

Official source	Weintek MT8121iE official datasheet
Product record	MT8121iE
Manufacturer	Weinview
Warranty	12 months from AMIKON
Support	INFO@AMIKON.CN

AMIKON PRODUCT SUPPORT

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