WEINTEK HMI

Professionals in Human Machine Interface

WEINTEK

MT8052iP

MT8072iP

MT8106iP

Performance, Design, and Versatility

MT8000iP Series

iP Series HMI

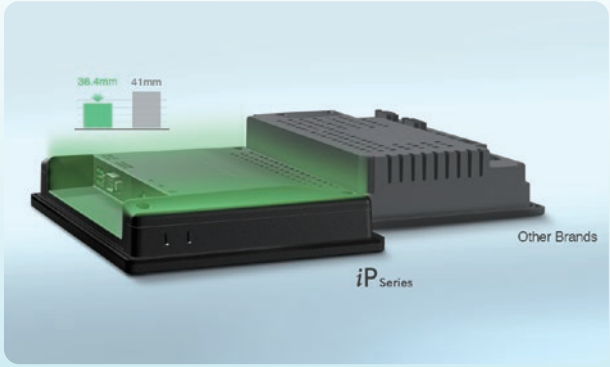
Entry-Level Budget-Friendly HMI

The iP Series delivers exceptional value for the price, combining three display sizes and support for 400+ PLC drivers—ideal for fundamental factory applications.

Key Advantages

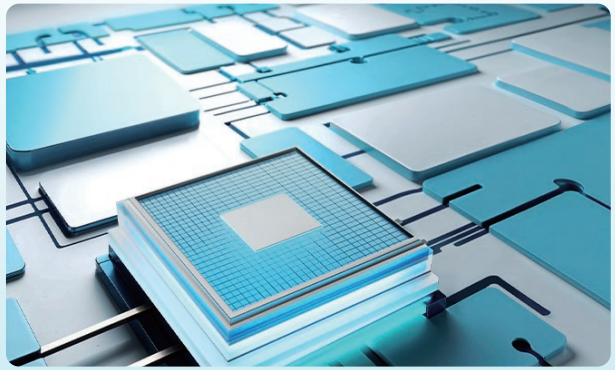
Modern Slimline Design

A refined, ultra-slim design that integrates seamlessly into any installation environment.



Entry-Level Flagship Power

Powered by an upgraded processor and EasyBuilder Pro, it handles multi-window operation with ease.



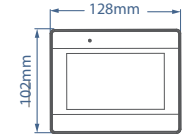
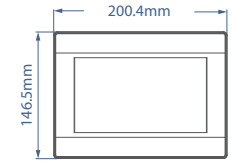
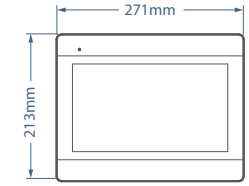
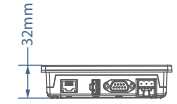
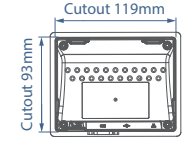
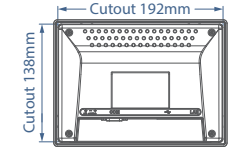
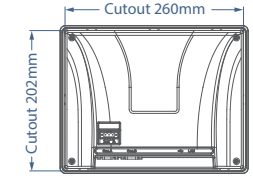
HD Wide-Angle Clarity

MT8106iP offers vivid 16.7M-color visuals and a wide viewing angle for a clear 1024x600 display.

iP Series

	Model	MT8052iP	MT8072iP	MT8106iP
Display	Display	4.3" TFT	7" TFT	10.1" WVA
	Resolution	480 x 272	800 x 480	1024 x 600
	Brightness (cd/ ㎡)	400	450	350
	Contrast Ratio	500: 1	500: 1	1000: 1
	Backlight Life Time	>30,000 hrs.	>30,000 hrs.	>50,000 hrs.
	Colors	16.7M	16.7M	16.7M
	LCD Viewing Angle (T/B/L/R)	50/70/70/70	60/70/70/70	89/89/89/89
	Pixel Pitch (mm)	0.198(H) x 0.198(V)	0.1926(H) x 0.179(V)	0.2175(H) x 0.2088(V)
Touch Panel	Type	4-wire Resistive Type	4-wire Resistive Type	4-wire Resistive Type
	Accuracy	Active Area Length(X)±2%, Width(Y)±2%	Active Area Length(X)±2%, Width(Y)±2%	Active Area Length(X)±2%, Width(Y)±2%
Memory	FLASH	256 MB	256 MB	256 MB
	RAM	128 MB	128 MB	128 MB
Processor	CPU	Dual-core RISC	Quad-core RISC	Quad-core RISC
I/O Port	USB Host	USB 2.0 x 1	USB 2.0 x 1	USB 2.0 x 1
	Ethernet	10/100 Base-T x 1	10/100 Base-T x 1	10/100 Base-T x 1
	COM Port	COM1: RS-232 2W, RS-485 2W/4W COM3: RS-485 2W	COM1: RS-232 4W, COM2: RS-485 2W/4W	Con.A: COM2 RS-485 2W/4W, COM3 RS-485 2W Con.B: COM1 RS-232 4W, COM3 RS-232 2W*
Power	Input Power	24±20%VDC	24±20%VDC	24±20%VDC
	Power Isolation	Built-in	Built-in	Built-in
	Power Consumption	350mA@24VDC	350mA@24VDC	400mA@24VDC
	Voltage Resistance	500VAC (1 min.)	500VAC (1 min.)	500VAC (1 min.)
	Isolation Resistance	Exceed 50MΩ @ 500VDC	Exceed 50MΩ @ 500VDC	Exceed 50MΩ @ 500VDC
Mechanical	Enclosure	Plastic	Plastic	Plastic
	Dimensions WxHxD	128 x 102 x 32 mm	200.4 x 146.5 x 34 mm	271 x 213 x 36.4 mm
	Panel Cutout	119 x 93 mm	192 x 138 mm	260 x 202 mm
	Weight	Approx. 0.25 kg	Approx. 0.52 kg	Approx. 1 kg
	Mount	Panel mount	Panel mount	Panel mount
Environment	Protection Structure	NEMA4 / IP65 Compliant Front Panel	NEMA4 / IP65 Compliant Front Panel	NEMA4 / IP65 Compliant Front Panel
	Storage Temperature	-20° ~ 60° C (-4° ~ 140° F)	-20° ~ 60° C (-4° ~ 140° F)	-20° ~ 60° C (-4° ~ 140° F)
	Operating Temperature	0° ~55° C (32° ~ 131° F)	0° ~ 55° C (32° ~ 131° F)	0° ~ 55° C (32° ~ 131° F)
	Relative Humidity	10% ~ 90% (non-condensing)	10% ~ 90% (non-condensing)	10% ~ 90% (non-condensing)
	Altitude	3,000 m	3,000 m	3,000 m
	Vibration Endurance	10 to 25Hz (X, Y, Z direction 2G 30 minutes)	10 to 25Hz (X, Y, Z direction 2G 30 minutes)	10 to 25Hz (X, Y, Z direction 2G 30 minutes)
Certificate	CE	CE marked	CE marked	CE marked
Software	Weincloud	EasyAccess 2.0 (Optional)	EasyAccess 2.0 (Optional)	EasyAccess 2.0 (Optional)

* MT8106iP: Only Tx & Rx (no RTS/CTS) may be used for COM1 RS-232 when COM3 RS-232 is also used.

MT8052iP	MT8072iP	MT8106iP
Top View	Top View	Top View
 Front View	 Front View	 Front View
 Bottom View	Bottom View	Bottom View
 Rear View	 Rear View	 Rear View

The Product's colors printed in this brochure may differ from those of the actual product.

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