

# MT(iP)

New Compact HMI Release



## 6 Upgrades



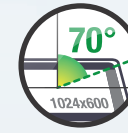
### 고성능

Cortex A8 600MHz CPU, 128MB Flash, 128MB RAM 탑재



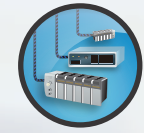
### 소프트웨어

EBPro 소프트웨어를 사용하여 보다 쉽게 프로젝트를 구성



### 고해상도

1024x600 LCD 탑재 (MT6103iP) 넓은 시야각으로 최대 70°까지 모니터링 가능



### 강한 연결성

300여 대 이상의 통신 드라이버 지원



### 다양한 컬러

1600만 색의 다양한 컬러로 표시



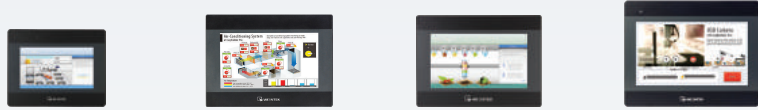
### 완벽한 호환성

커팅 사이즈와 연결 케이블이 (USB client 제외) 기존 iP 시리즈와 호환 가능

# iP Series

- 다양한 자동화 환경에 사용하기에 최적화 된 사이즈
- IP65 등급의 방수 방진 테스트 통과
- 경제형 HMI로 복잡한 산업 환경에 보다 쉽게 적용

## Specification



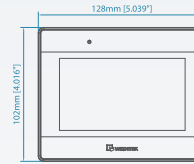
Model		MT6051iP	MT6071iP	MT8071iP	MT6103iP
Display	Display	4.3" TFT LCD	7" TFT LCD	7" TFT LCD	10.1" TFT LCD
	Resolution	480 x 272	800 x 480	800 x 480	1024 x 600
	Brightness (cd/m <sup>2</sup> )	400	300	300	400
	Contrast Ratio	500:1	500:1	500:1	600:1
	Backlight Type	LED	LED	LED	LED
	Backlight Life Time	>30,000 hrs.	>30,000 hrs.	>30,000 hrs.	>25,000 hrs.
	Colors	16.7M	16M	16M	16.2M
	LCD Viewing Angle (T/B/L/R)	50/70/70/70	70/50/70/70	70/50/70/70	60/60/70/70
Touch Panel	Type	4-wire Resistive Type			
	Accuracy	Active Area Length(X)±2%, Width(Y)±2%			
Memory	Flash (MB)	128 MB			
	RAM (GB)	128 MB			
Processor		32 Bits RISC Cortex-A8 600MHz			
I/O Port	USB Host	N/A	USB 2.0 x 1	USB 2.0 x 1	USB 2.0 x 1
	USB Client	USB 2.0 x 1 (Micro USB)	USB 2.0 x 1 (Micro USB)	N/A	USB 2.0 x 1 (Micro USB)
	Ethernet	N/A	N/A	10/100 Base-T x 1	N/A
	COM Port	COM1 RS-232/RS-485 2W/4W COM3 RS-485 2W	COM1 RS-232 COM2 RS-485 2W/4W	COM1 RS-232 COM2 RS-485 2W/4W	Con.A: COM2 RS-485 2W/4W, COM3 RS-485 2W Con.B: COM1 RS-232 COM3 RS-232*
	RS-485 Dual Isolation	N/A	N/A	N/A	N/A
	RTC	Built-in (CR2032 3V lithium battery)	Built-in	Built-in	Built-in
Power	Input Power	24±20% VDC			
	Power Consumption	300mA@24VDC	500mA@24VDC	500mA@24VDC	650mA@24VDC
	Power Isolation	Built-in			
	Voltage Resistance	500VAC (1 min.)			
	Isolation Resistance	Exceed 50MΩ at 500VDC			
	Vibration Endurance	10 to 25Hz (X, Y, Z direction 2G 30 minutes)			
Specification	PCB Coating	N/A	N/A	N/A	N/A
	Enclosure	Plastic	Plastic	Plastic	Plastic
	Dimensions WxHxD	128 x 102 x 32 mm	200.4 x 146.5 x 34 mm	200.4 x 146.5 x 34 mm	271 x 213 x 36.4 mm
	Panel Cutout (mm)	119 x 93 mm	192 x 138 mm	192 x 138 mm	260 x 202 mm
	Weight (kg)	Approx. 0.25 kg	Approx. 0.52 kg	Approx. 0.52 kg	Approx. 1 kg
	Mount	Panel mount	Panel mount	Panel mount	Panel mount
	Protection Structure	NEMA4 / IP65 Compliant Front Panel			
Environment	Storage Temperature	-20° ~ 60°C (-4° ~ 140°F)			
	Operating Temperature	0° ~ 50°C (32° ~ 122°F)			
	Relative Humidity	10 ~ 90% (non-condensing)			
Certificate	CE CE marked				
Software	EasyBuilder Pro				

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

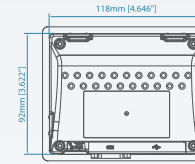
\* 본 사양은 성능 향상을 위해 변경될 수 있습니다.

## Dimensions

### MT6051iP / 4.3"



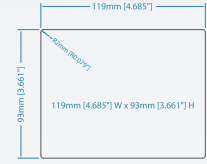
Front View



Rear View

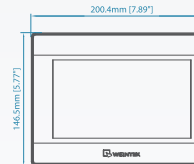


Bottom View

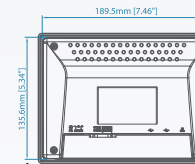


Cutout Dimensions

### MT6071iP / 7"



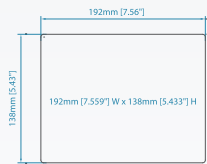
Front View



Rear View

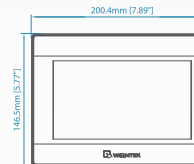


Bottom View

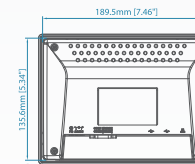


Cutout Dimensions

### MT8071iP / 7"



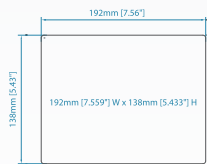
Front View



Rear View

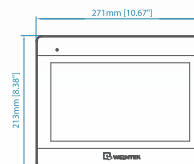


Bottom View

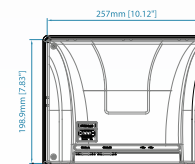


Cutout Dimensions

### MT6103iP / 10.1"



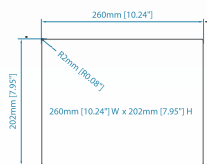
Front View



Rear View



Bottom View



Cutout Dimensions