

i Series HMI

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Powerful Microprocessor

Lead the Way in Technology
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High Resolution TFT LCD

New i Generation



| Model | MT6050i | MT6070i | MT8070i | MT8070iH | MT6100i | MT8100i |
|---------------------------------|-----------------------|---|-----------------------|-----------------------|-----------------------|-----------------------|
| Display | 4.3" TFT Widescreen | 7" TFT Widescreen | 7" TFT Widescreen | 7" TFT Widescreen | 10" TFT Widescreen | 10" TFT Widescreen |
| Resolution | 480x272 | 480x234 | 480x234 | 800x480 | 800x480 | 800x480 |
| Brightness (cd/m ²) | 400 | 350 | 350 | 450 | 300 | 300 |
| Contrast Ratio | 500:1 | 200:1 | 200:1 | 500:1 | 300:1 | 300:1 |
| Backlight | LED | LED | LED | LED | LED | LED |
| Life Time | 30,000 hr | 30,000 hr | 30,000 hr | 30,000 hr | 30,000 hr | 30,000 hr |
| Touch Panel Type | 4-wire Resistive Type | 4-wire Resistive Type | 4-wire Resistive Type | 4-wire Resistive Type | 4-wire Resistive Type | 4-wire Resistive Type |
| Storage (MB) | 128 | 128 | 128 | 128 | 128 | 128 |
| RAM (MB) | 64 | 64 | 64 | 64 | 64 | 64 |
| Processor | 32bit RISC 400MHz | 32bit RISC 400MHz | 32bit RISC 400MHz | 32bit RISC 400MHz | 32bit RISC 400MHz | 32bit RISC 400MHz |
| SD Card Slot | N/A | Yes | Yes | Yes | Yes | Yes |
| USB Host | N/A | USB 1.1 x 1 | USB 1.1 x 1 | USB 1.1 x 1 | USB 1.1 x 1 | USB 1.1 x 1 |
| USB Client | USB 2.0 x 1 | USB 2.0 x 1 | USB 2.0 x 1 | USB 2.0 x 1 | USB 2.0 x 1 | USB 2.0 x 1 |
| Ethernet | N/A | N/A | 10/100 Base-T | 10/100 Base-T | N/A | 10/100 Base-T |
| COM port | RS232 / 485 2W/4W | COM1 (RS232 / RS485 2W/4W), COM2 (RS232), COM3 (RS232 / RS485 2W) | | | | |
| Audio | N/A | Option | Option | Option | Option | Option |
| RTC | N/A | Yes | Yes | Yes | Yes | Yes |
| Input Power | 24±10% VDC | 24±10% VDC | 24±10% VDC | 24±10% VDC | 24±10% VDC | 24±10% VDC |
| Power Consumption | 250mA | 250mA | 250mA | 250mA | 300mA | 300mA |
| Panel Cutout (mm) | 119x93 | 192x138 | 192x138 | 192x138 | 259x201 | 259x201 |
| Weight (kg) | 0.3 | 0.85 | 0.85 | 0.85 | 1.6 | 1.6 |