Operator Interfaces
EH-TPS Series

HITACHI
Inspire the Next

- Display Size 4.3", 7" and 10.1"
- Widescreen Display
- Resistive Touchscreen
- Brilliant Display with LED Backlight
- Programmable with HiMobile Studio

- Ethernet, USB and Serial Port
- Lightweight and Low-power Design
- Highly reliable, Industrial Grade Components
- CE, cULus approval

Automation Solutions by Hitachi

EH-TPS Series

Designed for budget critical applications

HiMobile

Type	EH-TPS04	EH-TPS07	EH-TPS10
Display	4.3" TFT 16:9	7" TFT 16:9	10.1" TFT 16:9
Resolution	480 × 272	800 × 480	1024 × 600
Backlight	LED	LED	LED
Brightness	200 Cd/m² typ	200 Cd/m² typ	200 Cd/m² typ
Dimming	Yes	Yes	Yes
Colors	64K	64K	64K
Touchscreen	Resistive	Resistive	Resistive
Portrait Mode	Yes	Yes	Yes
CPU	ARM Cortex A8 300 MHz	ARM Cortex A8 1 GHz	ARM Cortex A8 1 GHz
RAM	256 MB	512 MB	512 MB
Flash	2 GB	4 GB	4 GB
Application Memory	30 MB	60 MB	60 MB
Serial	RS-232, RS-485, RS-422, software configurable	RS-232, RS-485, RS-422, software configurable	RS-232, RS-485, RS-422, software configurable
Ethernet	10/100 Mbit	10/100 Mbit	10/100 Mbit
USB	1x Host (2.0V, max. 500 mA)	1x Host (2.0V, max. 500 mA)	1x Host (2.0V, max. 500 mA)
Vector Graphics	Yes, includes SVG support	Yes, includes SVG support	Yes, includes SVG support
Object Dynamics	Yes	Yes	Yes
TrueType Fonts	Yes	Yes	Yes
Alarms	Yes	Yes	Yes
Historical Event List	Yes	Yes	Yes
Recipes	Yes	Yes	Yes
Password	Yes	Yes	Yes
Trends	Yes	Yes	Yes
Multilanguage	Yes	Yes	Yes
RTC	Supercapacitor	Supercapacitor	Supercapacitor
Power Supply	24 VDC (18 to 32 VDC)	24 VDC (18 to 32 VDC)	24 VDC (18 to 32 VDC)
Current Consumption	0.25 A at 24 VDC (max.)	0.3 A at 24 VDC (max.)	0.38 A at 24 VDC (max.)
Operating Temperature	0 to 50 °C	0 to 50 °C	0 to 50 °C
Storage Temperature	−20 to +70 °C	−20 to +70 °C	−20 to +70 °C
Operating and Storage Humidity	5 – 85 %, RH non condensing	5 – 85 %, RH non condensing	5 – 85 %, RH non condensing
Weight	Approx 0.4 Kg	Approx 0.6 Kg	Approx 1.0 Kg
Faceplate (L × H)	147 × 107 mm	187 × 147 mm	282 × 197 mm
Cutout (A × B)	136 × 96 mm	176 × 136 mm	271 × 186 mm
Depth (D + T)	29 + 5 mm	29 + 5 mm	29 + 5 mm
Protection Class (front)	IP66, Type 2 and 4X	IP66, Type 2 and 4X	IP66, Type 2 and 4X
Protection Class (rear)	IP20	IP20	IP20
Approvals	CE, cULus	CE, cULus	CE, cULus

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