

# 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

# EH-TPS Series

Designed for budget critical applications

HiMobile



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

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