

HMI Mobile Line

Hand-held terminal

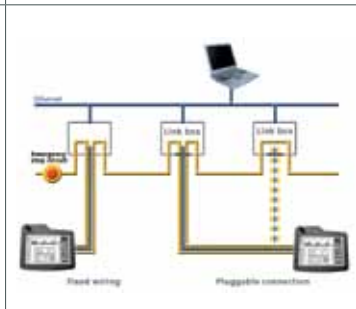
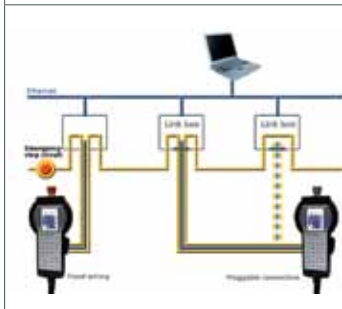
 SUTRON

HMI hardware

- Rugged design suitable for industrial applications
- Ergonomic and compact
- Device variants with emergency stop pushbutton or stop pushbutton
- Safety due to integrated 3-step consent switch
- TFT color display in 8,89 cm (3.5") and 26,42 cm (10.4")
- Windows CE 5.0 inside



Technical Data	HT06AT	HTP104T
Keys	Membrane keyboard, 24 keys + 12 function keys with integrated LED	Soft panel, task change, hot key, right mouse button, contrast / brightness
Touch screen	-	Analog resistive, 4-wire-technology
Display	8,89 cm (3,5") TFT LED backlight white	26,42 cm (10,4") TFT
Colors	65536	65536
Resolution (W x H in pixels)	240 x 320	800 x 600
External dimensions (W x H x D in mm)	145 x 265 x 67	317 x 287 x 75
Weight (in g)	600 (without cable)	2500 (without cable)
Operating system	Windows CE 5.0	Windows CE 5.0
Processor	RISC CPU, 200 MHz, real-time clock	RISC CPU, 400 MHz, real-time clock
Memory	16 MB Flash (including 3 MByte application memory), 32 MB SDRAM, 512 KB SRAM (battery-backed)	32 MB Flash, 64 MB SDRAM, 1 MB SRAM (battery-backed)
Interfaces	1 x USB Host 2.0 Full Speed, 1 x Communication (10/100 MBit Ethernet, Profibus DP, MPI, CAN oder DeviceNet)	1 x USB Host 2.0 Full Speed, 1 x Communication (10/100 MBit Ethernet)
Cable length	5 m (Standard)	5 m (Standard)
Options	Consent switch, emergency stop pushbutton/ stop pushbutton, variable cable length	Consent switch, emergency stop pushbutton/ stop pushbutton, key switch, variable cable length, protective foil
Accessories	Magnetic wall holder, Ethernet connection box, DP/MPI link box, protector	handle set with holding strap, wall holder
Connection system	Connecting cable with connector or open cable end	Connecting cable with connector or open cable end
Supply voltage	24 V DC	24 V DC
Degrees of protection	IP54	IP65
Temperature range	Operation: 0 °C bis 50 °C Storage: -25 °C bis 70 °C	Operation: 0 °C bis 50 °C Storage: -25 °C bis 70 °C
Relative air humidity for operation and storage	20% to 85% no dew condensation (non-condensing)	20% to 85% no dew condensation (non-condensing)
Front panel	-	Varnished aluminium, with polyester foil
Certification	CE	CE
Applications	In numerous industrial sectors, such as: The automotive and automotive supply industry, plant construction and mechanical engineering, food and luxury food industry, etc.	In numerous industrial sectors, such as: The automotive and automotive supply industry, plant construction and mechanical engineering, food and luxury food industry, etc.



Optimized Operator Control & Monitoring

The mobility of the facility operator ensures particularly at complex production facilities a good view of the process.

Straightforward and Effective

The hand-held operating devices offer ergonomic design, functionality, short reaction times and provide users with an intuitive touch-screen control interface.

Sophisticated Safety Concept

The devices of the Mobile Line allow users to provide mobile safety functions at any point on a machine or installation. They are equipped with an integrated 3-step consent switch to ensure that personnel and machines are protected in critical situations. Device variants equipped with an additional Stop pushbutton can be wired into the emergency stop circuit of a machine or system by means of the link boxes. The Stop pushbutton and consent switch are designed with two circuits as required by the safety regulations.

Impressive Functionality

Visualization and data management can be easily realized along with web and client/server as well as network functions.