H4 Handheld

Secure Mobility HMI in your Hand

...Our Word Counts

TOPCO

It's all about control

H4 Handheld

Key Features

- Certified Wireless Safety SIL2
- JMobile Integrated
- Easy to Program
- Stunning Design/Ergonomics
- Multiple Integrated Keys
- Potentiometers
- Handwheel
- State Selector
- Bluetooth Safety
- Additional WiFi Connectivity
- Magnets to Hang Devices in Convenient place
- Up to 50 m Connection

The H4 Handheld device is a true HMI in your hand: powerful and easy to program to your needs it remains the perfect choice for safe mobile requirements.

The wireless option leads to many positive features being enhanced:

- Higher Safety in all areas with no pendant wires to causes issues
- Less injury risks
- No broken cable downtime
- Far less physical fatigue of operator
- Increased concentration of operator

The wireless connection is provided by a Unique electronic key which allows for multiple handheld – machine connections to take place simultaneously without any concern for connectivity and of course safety.

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H4 Handheld - Technical Data

System Resources	
Display - Colors	TFT LED - 64K
Resolution	480x272, WQVGA
Brightness	300 Cd/m² typ.
Dimming	to 0%
Touchscreen	Resistive
CPU	ARM Cortex-A8 - 600 MHz
Operating System	Microsoft Windows CE 6.0
Flash	128 MB
RAM	256 MB
Real Time Clock, RTC Back-up	Yes
Handwheel	Yes
Potentiometer	2
State Selector Switch	16 positions
Emergency stop	Yes
Enabling Switch	3 positions
Interface	
Ethernet	Wi-Fi 802.11
USB port	1 Host V2.0
Bluetooh	Reserved for safety functions
Ratings	
Power supply (charging station)	24 Vdc (18 to 30 Vdc)
Current Consumption	0.25 A at 24 Vdc (max.)
Input Protection	Automatic
Battery	Rechargeable Lithium battery, not user-replaceable
Environment Conditions	
Operating Temp	+5 to +45°C
Storage Temp	-20 to +70°C
Operating / Storage Humidity	5-85% RH, non condensing
Protection Class	IP64
Dimensions and Weights	
Faceplate LxH	220x144 mm
Depth D	63 mm
Weight	Approx 0.8 Kg
Approvals	
CE	Emission EN 61000-6-4 Immunity EN 61000-6-2 for installation in industrial environments
Safety	2006/42/EC, EN ISO 13849-1:2008, EN 62061 :2005/A1:2013, EN 60204-1:2006/A1:2009
Safety functions	Emergency Stop cat 3, PL d / SIL 2 Enabling cat 3, PL d / SIL 2 State selector, cat 1, PL c / SIL 1

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TOPCO Control & Automation Ltd.
14 Bazelet St. Industrial Zone Mitzpe Sapir
P.O.B 12373 Zur Yigal 4486200 Israel

T: (972)-9-7494000 | **F**: (972)-9-7494774
topcoinfo@topco.co.il | www.topco.co.il
TopcoControlandAutomation

טופקו בקרה ואוטומציה בע"מ
רחוב בזלת 14 א. התעשייה מצפה ספיר
ת.ד. 12373 צור יגאל מיקוד 4486200

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