

HGW 1033: FLEXIBLE & SAFE

# WIRELESS HMI



# WIRELESS INTO THE FUTURE

MORE FLEXIBLE, MORE EFFICIENT ... AND THUS SAFE

The cable-free HGW 1033 operating panel, increases flexibility in monitoring and controlling within production processes. The operator can get extremely close to the machine and keep the process clearly in view. Thanks to the wireless technology, the tripping hazard posed by long HMI cables has been eliminated. A 10.1" high-resolution multi-touch display makes operating even more intuitive.

## 🔊 Wireless machine operation

For the industrial wireless operating solution, SIGMATEK uses a 2-component system consisting of the HGW 1033 and the base station BWH 001. Both units are equipped with high-performance EDGE2 Technology processor, which enables sophisticated visualization and operating applications. The base station also serves as a gateway with docking and charging functions. To ensure the quality of the

signal transmission in the machine environment, the 2-component system communicates on two frequencies (2.4 GHz and 5 GHz) with separate antennas.

## 🔊 Efficient: one panel for multiple machine and system components

With only one panel, multiple processing cells can be comfortably operated since, unlike the cable-connected device, it does not have to be reconnected every time.

## 🔊 Safety to go

The wireless HMI is also available with Safety elements. This provides the required Safety for the machine operator in an industrial environment. In the TÜV-certified HW 1033-3, an active illuminated emergency stop, confirmation switch and key switch are integrated into the grip unit.

## SPECIALS



### Rotating operation

While in setup mode, do not leave your machine unattended. Optional rotary encoders on the HGW enable almost blind operation.



### All-around protection

With the optionally available all-round edge protection, your mobile HMI is well equipped for harsh industrial environments and has an extended fall height.



**MAXIMUM OPERATING FREEDOM**

Unrestricted and flexible operation directly on-site

**INTUITIVE MULTI-TOUCH**

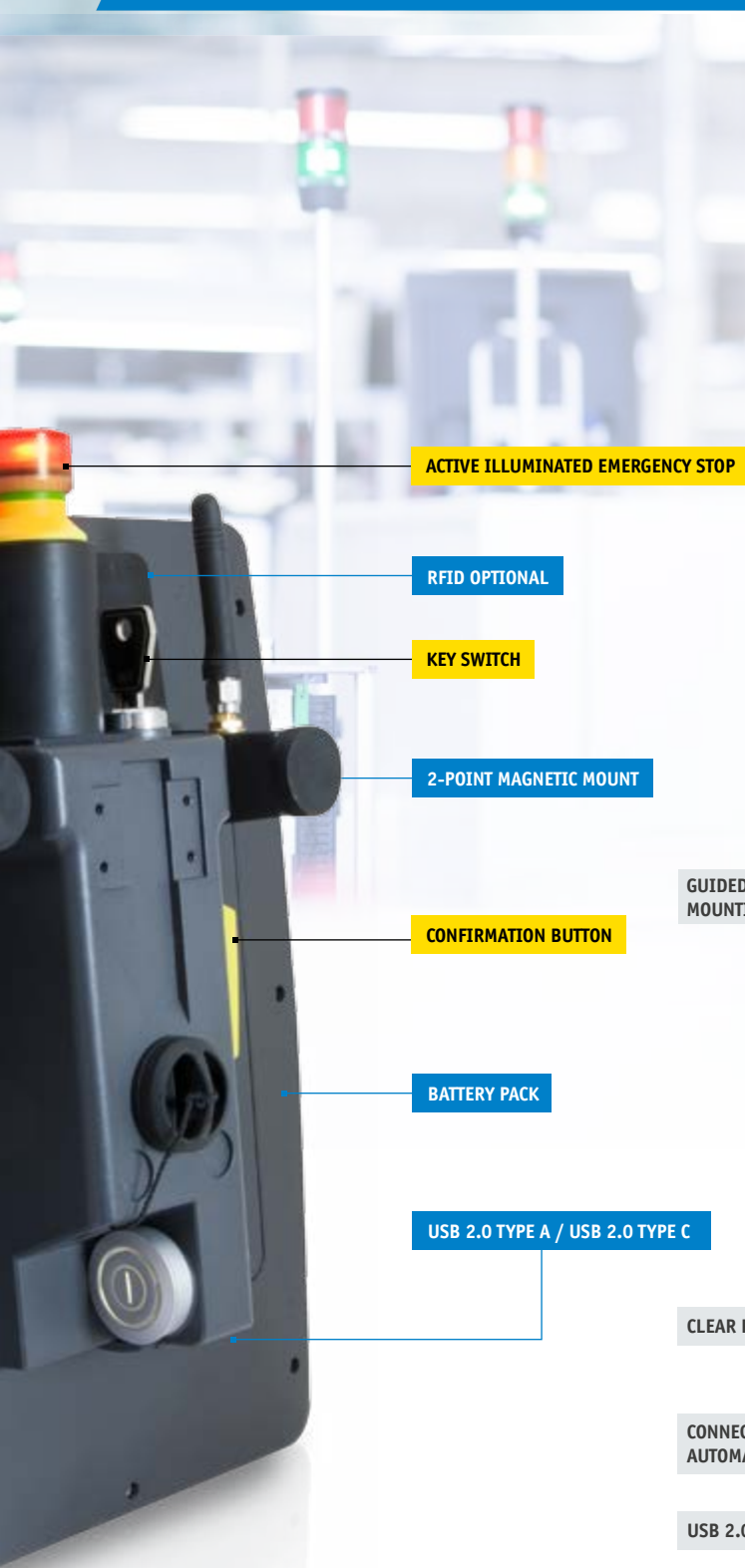
Operating comfort with 10.1" multi-touch glass display (800 x 1280 px)

**OPEN AND SAFE**

Fit for the future with OPC UA communication, integrated Safety available

**COST SAVING**

One panel for multiple machine and system components



ACTIVE ILLUMINATED EMERGENCY STOP

RFID OPTIONAL

KEY SWITCH

2-POINT MAGNETIC MOUNT

CONFIRMATION BUTTON

BATTERY PACK

USB 2.0 TYPE A / USB 2.0 TYPE C



SIGNAL LIGHT

GUIDED MAGNETIC MOUNTING POINTS

CLEAR PICTOGRAMS

CONNECTOR PLUGS FOR AUTOMATIC CHARGING

USB 2.0 TYPE C

ETH FOR THIRD-PARTY SYSTEMS (M12)

ETH FOR CONTROL (M12)

HGW 1033-3

BWH 001



## Safety at a Glance

The base station is coupled via optical feedback. The operating panel's 7-segment display clearly shows to which machine or system section the HGW 1033-3 is connected. An active-illuminated emergency stop switch gives the operator the certainty that the Safety elements are correctly connected into the system.



| TECHNICAL DATA        |  |   |  |
|-----------------------|--|---|--|
| WIRELESS PANEL        | HGW 1033   | HGW 1033-3  | HGW 1033-32  |
| <b>ARTICLE NUMBER</b> | 12-246-1033<br>12-246-1033-01 landscape format   | 12-246-1033-3   | 12-246-1033-32   |
|                       | <ul style="list-style-type: none"> <li>10.1" Multi-touch display (PCT)</li> <li>Resolution 800 x 1280 px</li> <li>EDGE2 Technology dual-core processor</li> <li>WLAN 2,4/5 GHz</li> <li>1x USB 2.0 Type A, 1x USB 2.0 Type C</li> </ul><br><ul style="list-style-type: none"> <li>Integrated battery 3780 mAh</li> <li>Dimensions 226 x 266 x 76 (W x H x D)</li> <li>Weight 1.27 kg</li> <li>Real-time operating system Salamander and visualization runtime system included</li> </ul> | <ul style="list-style-type: none"> <li>10.1" Multi-touch display (PCT)</li> <li>Resolution 800 x 1280 px</li> <li>EDGE2 Technology dual-core processor</li> <li>WLAN 2,4/5 GHz</li> <li>1x USB 2.0 Type A, 1x USB 2.0 Type C</li> <li>Emergency stop with illuminated status indicator, confirmation switch, key switch, SIL3/PLe</li> </ul><br><ul style="list-style-type: none"> <li>Integrated battery 3780 mAh</li> <li>Dimensions 226 x 276 x 76 (B x H x T)</li> <li>Weight 1,35 kg</li> <li>Real-time operating system Salamander and visualization runtime system included</li> </ul> | <ul style="list-style-type: none"> <li>10.1" Multi-touch display (PCT)</li> <li>Resolution 800 x 1280 px</li> <li>EDGE2 Technology dual-core processor</li> <li>WLAN 2,4/5 GHz</li> <li>1x USB 2.0 Type A, 1x USB 2.0 Type C</li> <li>Emergency stop with illuminated status indicator, confirmation switch, key switch, SIL3/PLe</li> <li>3 rotary encoders</li> <li>Integrated battery 3780 mAh</li> <li>Dimensions 226 x 276 x 96 (B x H x T)</li> <li>Weight 1,39 kg</li> <li>Real-time operating system Salamander and visualization runtime system included</li> </ul> |
| <b>BASE STATION</b>   | <b>BWH 001</b>   |   |  |
| <b>ARTICLE NUMBER</b> | 12-246-001   |   |  |
|                       | <ul style="list-style-type: none"> <li>WLAN 2.4/5 GHz</li> <li>2x Ethernet</li> <li>1x USB Type C</li> <li>Signal light that blinks when the operating device is logging on for safe use</li> </ul>  |   |  |

