



HMIsmart

“Born to be Wired” - The smartest operator panel solution

MOBA[®]
MOBILE AUTOMATION

HMIsmart

HMIsmart is the end-to-end, flexible, and modular operator panel solution for all OEMs in the Mobile Machinery Sector.

MOBA's HMIsmart is based on the concept of modularity, allowing **OEMs** to provide customizable solutions in a very short time, offering numerous advantages.

HMIsmart is designed to be integrated into a wired control system and can be positioned differently on the machine. Communication with the master module occurs via the standard **CANopen** protocol on the **CAN-BUS** line.

This distributed electronic architecture reduces wiring and makes the system design more economical.

Design flexibility is ensured by the modularity in the choice of joysticks (in terms of number, position, and orientation), control buttons, signal LEDs, buzzers, connectors/cables for on-board machine interfacing, and customization of the front film. The 4-input and 4-output battery integrated into **HMIsmart** allows the panel to function as an I/O slave on the CAN-BUS network, while the **WI-FI** port enables quick machine diagnostics via any smartphone.

The modularity of **HMIsmart** is supported by the high quality of the final product, thanks to a production process faithful to that of a high-end control electronics product

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HMIsmart featured by a robust housing, designed for use in extreme conditions, and a series of mechanical plug-ins that facilitate its customization depending on the machine application.

Pre-wired cable outlet with PG



M12 cable outlet



Lateral positioning buttons/keys





Pannello operatore per Macchine Mobili caratterizzato dai seguenti elementi principali:

- up to 6 adjustable joystick
- emergency button
- up to 14 buttons
- up to 30 multicolor LEDs
- 1 CAN-BUS port (CANopen)
- 4 Digital/Analog inputs
- 4 Digital outputs (350mA)
- cable outlet M12/PG
- RAM bracket
- IP67
- WiFi router, for diagnostic

For further information regarding the operator panel **HMIsmart**, you can reach us at the following links:

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