

Features

- Designed for 12V /24V agricultural equipment
- Rugged Bopla Bocard® enclosure
- TFT 500cd/m² - wide view angle WVGA
- Resistive touch screen
- CAN connection , ISO 11898-2 and 5
- 1 USB HOST, 1 USB OTG



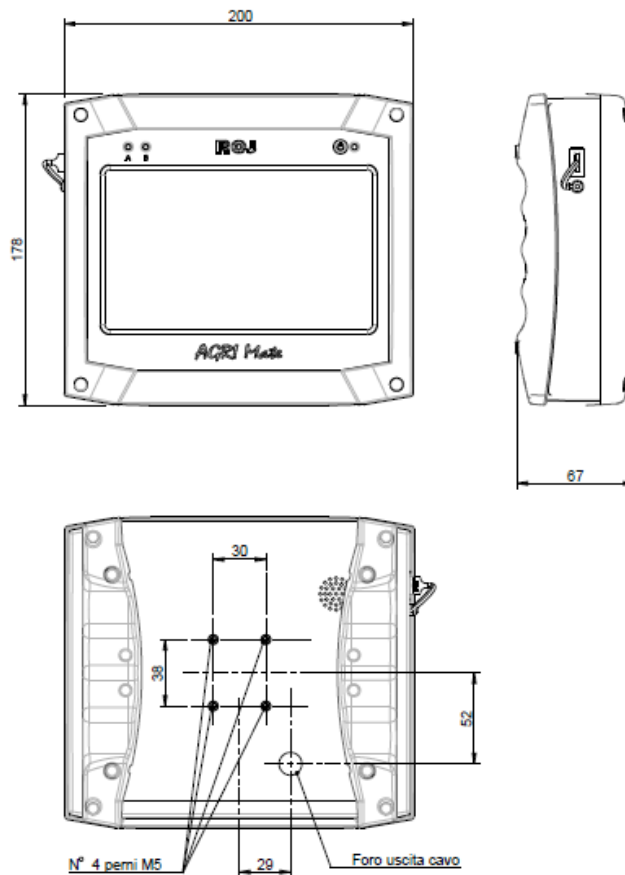
Applications

The PCS AGRI Mate (P/N 58G00074) is the new graphical console that allows the user to set and read the data related to the system functionalities and access to diagnostics.

It is designed for agricultural, forestry and earthmoving field and with its manageable housing is easy to use.

Overall Dimensions

BOPLA enclosure series Bocard.®



Dimensions in mm.

Environmental Specifications

Operational Temperature:	-20°C...+60°C
Storage Temperature:	-30°C...+95°C
IP grade	BOPLA Enclosure fulfills IP65

Electrical Specifications

EMC	The unit fulfills EN ISO 14982: 2000 standard (Agricultural and forestry machinery)
Supply voltage	12V/24V battery power system. Supply voltage : 9...32V.
Supply current	Typical supply current (no external sensors connected): 750mA Typical supply current in low power mode: < 500uA.

Processor and memory

Microcontroller Unit	i.MX28 core (453 MHz clock)
Flash memory	1GB external flash (EMMC)
Ram	128KB RAM + DDR2 128MB external RAM
Operating System	Freescale BSP (Itib) Linux Kernel 2.6.35 QT embedded libraries 4.8.3

Input/output and communication

CAN	1 CAN bus lines (compliant ISO 11898-2 and 5. Up to 1 Mbit/s) CAN port can be used for wake-up over CAN function.
USB	1 USB HOST 2.0 1 USB OTG 2.0 (on demand)
Display	TFT 500cd/m ² - wide view angle Resolution 800x480 (wide VGA) Resistive touch screen

Disclaimer

The present specifications are intended to be preliminary. Parameters and values indicated in the document might be subjected to changes. For further information, please contact: mechatronics@roj.com