



WLigo & SmartMotion

CONTROL UNIT



WLigo remote keypad

- ✓ Used with SmartMotion webguide systems
- ✓ 3,5" touch screen display
- ✓ User-friendly graphic
- ✓ Can manage more than one mechanical devices.

SmartMotion control unit

- ✓ Saving in terms of wiring
- ✓ Great accuracy, fluidity and quickness in the movement
- ✓ Very high heat dissipation

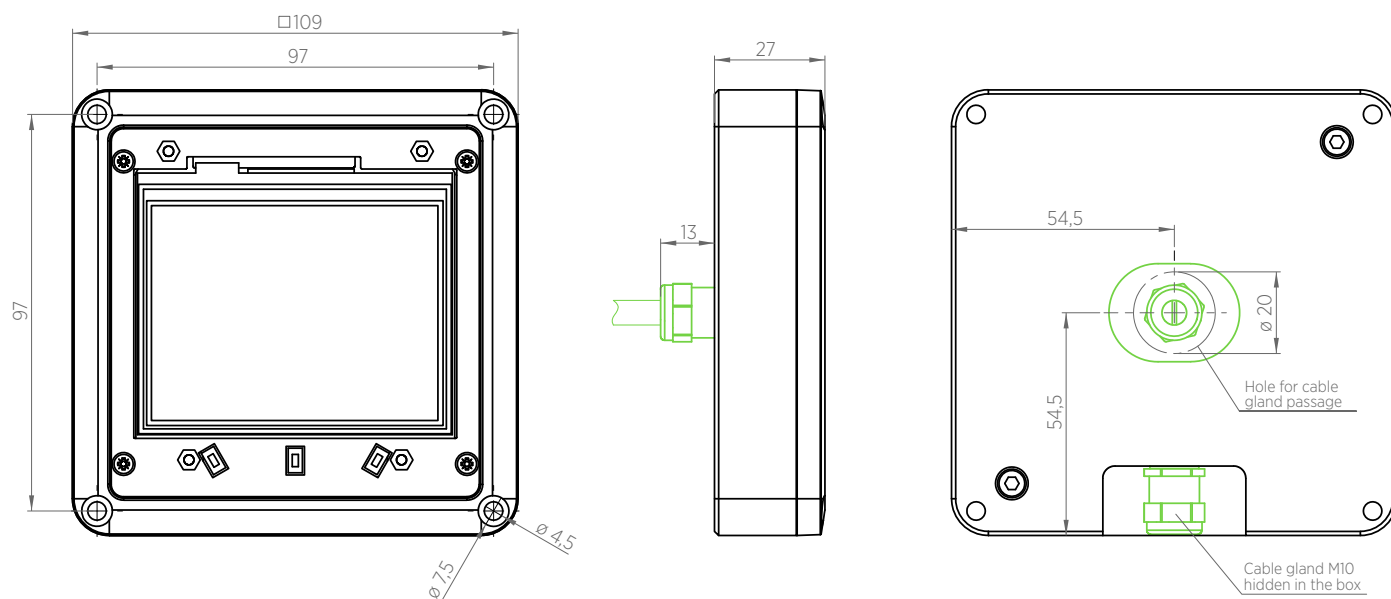
WLigo is the new remote keypad that can be used with webguiding systems equipped with the new Smartmotion control unit.

Extremely compact in size, it is equipped with a 3,5" resistive touch screen display, that allows to smoothly and quickly visualize and regulate all the parameters of each webguide system, and three mechanical buttons, for the calibration and management of each device. WLigo can be used to control more than one mechanical device connected in series. WLigo management is made extremely simple and intuitive by an engaging and user-friendly graphic specifically designed also for those users who have not feeling with the touch screen technology.

The keypad can be provided with cable gland on the back or hidden in the case.

SmartMotion is the new control unit planned for small and medium size webguide systems fusing the stepper motor and the driver technologies into a single device. The "fusion" between these two parts of the system allows a great compactness, saves in terms of wiring and control of the actuator stroke without using mechanical or electronic devices. The motor is controlled to 1/128 step, giving the whole webguide system a greater accuracy, fluidity in the movement, quickness and low noise. An high heat dissipation range guarantees a low and constant working temperature of the stepper motor, avoiding overheating of the whole webguide system.

TECHNICAL DRAWING



TECHNICAL CHARACTERISTICS

Power supply	24 V
Power consumption	3 A each SmartMotion unit 0,05 A Wligo
Response time	1 ms
Analogue inputs	2 inputs 0÷5 Vdc for sensors
Digital inputs	2 inputs 12÷24 Vdc for remot controls
Fieldbus	CAN Re (proprietary protocol)
Working temperature	0÷50° C
Display	3,5" resistive touch screen
Protection class	IP54

*Data are subject to technical change without notice