



#### TRANSMITTER OPTIONS

Itowa's range of remote controls allows you to extend the basic functions associated with each model by simply adding any of the different options available.

Additional actuators: Instead of the standard actuators, each model allows to change or add new actuators that enable the remote control to be adapted to the specific needs of each application.

- ✓ Fixed or returnable lever type selectors, rotary selectors located on the surface or on the side of the transmitter.
- ✓ Rotary enhancers for proportional regulation of the manoeuvre.
- ✓ Combination of the different models of manipulators, of one axis, of 2 axes, proportional, by steps.



Display on transmitter:

- ✓ Using LEDs on the front
- ✓ Optional LCD depending on models



#### ACCESS CARD OPTION

The ACCESS CARD security system, adaptable to any of Itowa's remote controls, allows to restrict the activation of the device using an access card. This way, the use of a radio remote control can be restricted to unauthorized personnel. The transmitter will be blocked and will only be enabled when the corresponding access card is recognized.



#### INFRARED OPTION

The infrared security system adaptable to any model of Itowa's remote controls allows to restrict the area of action of a device. The system is able to detect if the radio control transmitter is outside of a defined working area and to deactivate the manoeuvres in case this happens.



#### FINGERPRINT BIOMETRIC ACCESS CONTROL

The BIOMETRIC FP security system offers protection against the unauthorized use of ITOWAS' radio remote controls. The system enables the activation of the device by identifying the fingerprint of each user.

When the transmitter of an ITOWAS' radio remote control has this system incorporated, it's capable of identifying the fingerprints of authorized operators to allow or not the activation of the same. For even more security, this system keeps a historical record of each activation.



# REMOTE CONTROLS

## OPTIONS AND SETTINGS

### DATAFEEDBACK OPTION

Itowa's remote controls admit a datafeedback configuration that guarantees communication with the receiver in both directions. This system allows the operator to receive data from the crane or machine, through the receiver, on the transmitter itself and display it on an LCD or leds according to each application and transmitter model.

- ✓ DATAFEEDBACK: The transmitter has information from the receiver located on the machine or crane. This information is displayed on the transmitter through 2 x 16 graphic LCD or leds depending on the model.



### BUS OUTPUT OPTION

IT3RBUS: It's a receiver with BUS output compatible with most of Itowa's remote controls. Its use reduces the wiring connection, provides a long range and the installation is easier. It sustains a wide variety of protocols, such as:



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### OPERATION SETTINGS

ITOWA's remote controls provide different operating configurations which meet the specific needs of each application. For example, the control of 2 overhead cranes to work in Tandem, the possibility of controlling a machine or crane by more than one user, and so on.

- ✓ MASTER & SLAVE: Two transmitters act over two receivers.



- ✓ CATCH & RELEASE: Two or more transmitters act over a single receiver.



- ✓ TANDEM: One transmitter acts over two or more receivers.



**Itowa**®  
Radio Remote Control Systems

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