

# SCU32

## CATTRONCONTROL™



### FIXED STATION DEVICE FOR SECURE POINT TO POINT TRANSMISSION

#### HIGHLIGHTS

- Transmits up to 32 digital commands plus 2 safety stop commands
- System configuration via a secure RFID Transkey for simple deployment and spares implementation
- Customer-specific layout with a wide range of control elements
- Approvals and frequencies for worldwide deployment

#### FEATURES

- Galvanic isolation of inputs
- Internal, isolated power supply for opto-isolated inputs
- Industrial AC power supply and DC options available
- LEDs for status and feedback (optional)
- Custom faceplate available
- High safety class through redundant hardware and firmware architecture

#### APPLICATIONS

The SCU32 is a robust, industrial grade control unit that provides 32 opto-isolated inputs for secure wireless point to point, or point to multi-point transfer of control commands.

- Machine control
- Conveyor Control
- Secure point to point
- Amusement Parks

#### COMPLIANCE

Safety

- EN 60204-32
- EN ISO 13557
- EN ISO 13849 PLd
- CE Compliant





## TECHNICAL DATA AND SPECIFICATIONS

### ELECTRONIC DATA

Commands	32 digital inputs
Digital Circuitry	Dual-processor Technology
System Addresses	24 bits =16 million addresses

### MECHANICAL DATA

Weight	Approx. 1.8 kg
Dimensions L x W x H	235 x 170 x 105mm (9.25"x 6.7" x 4.2")
Housing	Polymeric, standard color gray IP65, suitable for outdoor use
Interface connection	2 cable glands optional: Han24/32/64
Operating temperature	-20° to +60° C (-4° to +140° F)
Storage temperature	-40 to +70° C (-40 to 158° F)

### ELECTRICAL DATA

Power supply	48, 115, 230 V, 50-60 Hz
Nominal voltage	12V (24V optional)
Power consumption	Max. 10 VA 12V dc input
Opto-Couplers	Internal 12 V for opto-couplers available
Frequency range	406-419 MHz 433-434 MHz 447-473 MHz 869 MHz 902-927 MHz Other frequencies possible
Regulatory	Licensed and unlicensed bands available
Transmitter output power	10-500 mW
RF Security	Black Channel
RF channel spacing	12.5 kHz; 25 kHz and others
Antenna	External

### INDICATION

Operation indication	2 LEDs for status and diagnostics
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