



SCU32 the radio remote control transmitter of the family CattronControl™ transmits control signals from point to point. Redundant hardware and software architecture provide a safe and reliable radio link for many industrial applications and wireless solutions for cranes, lifting systems and machines.

FEATURES

- Transmits up to 32 + 4 digital commands and up to 8 analog signals
- All inputs galvanically isolated
- Rugged, industrial design housing with protection class IP65
- System parameter and configuration setting via TransKey™ (RFID)
- Internal, isolated power supply for optocoupler inputs
- Industrial AC power supply, optional DC power supplies available
- Optionally configurable with antenna diversity
- High safety-class through redundant hard and software architecture
- Approvals and frequencies for worldwide deployment
- Compatible with a number of receiver units, featuring various interface options

TECHNICAL DATA AND SPECIFICATIONS

ELECTRONIC DATA		RF	
Inputs	32 optocouplers for commands 4 optocouplers for stop input voltage 12/24 V DC 8 analog inputs with 8 bit resolution	Frequency range	335 MHz (< 1 mW ERP) 418 MHz (< 10 mW ERP) 433 MHz (< 10 mW ERP) 447 MHz (< 10 mW ERP) 869 MHz (< 5 mW ERP) 915 MHz (FCC part 15) other frequencies on request
Digital circuitry	Dual-processor technology	Transmission speed	4.8 to 20 kbit/s
System addresses	24 bits = 16 million addresses	Transmitter output power	1-500 mW with various modules (within permitted limits)
Hamming distance	d=6 (Telegramm verification) 16 bit CRC	Modulation	FM
Supply voltage	42/48, 115/230 V AC 12/24 V DC (nominal)	RF channel spacing	12.5 kHz; 25 kHz and others
Power consumption	Max. 10 VA (nominal)	Antenna	External
Internal Power supply	12 V DC for optocouplers		
OPERATION AND INDICATION			
TransKey™	System configuration, address and RF channel setting		

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MECHANICAL DATA

Weight	Approx. 1.8 kg (3.97 lbs)
Dimensions (L x W x H)	235 x 170 x 105 mm (9.25" x 6.69" x 4.13")
Housing material	Plastic, Styrol Butadien Standard color Gray
Housing protection rating	IP65
Interface connection	2 cable glands (standard) Han24, Han32, Han64 (optional) others on request
Operating temperature	-20° to +60° C (-4° to 140° F)
Storage temperature	-40° bis +70°C (-40° bis +158°F)

STANDARDS

Safety	EN ISO 13849-1 Categorie 3 PL d EN ISO 13849-2
Shock	EN 60068-2-27
Vibration	EN 60068-2-6

MISCELLANEOUS

Operation indication	2 LEDs for status and diagnostics
Accessories	External antenna

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