AQUARIUS 2S

TYRO™

VERSATILE. SHOCKPROOF.
ELEVATE AUTOMATION.

The Aquarius 2S is the ultimate solution for automation experts who demand precision, durability and reliability in one compact package. The industrial remote control receiver isn't just rugged; it's designed to thrive in the toughest conditions.

This version of the popular Aquarius range shows its versatility by offering multiple digital and analog inputs and outputs, all fitting into a small shock and impact-absorbing package. Uncompromising on quality, the Aquarius 2S is where solid construction meets agility and versatility.

KEY FEATURES

- Waterproof, dirt and moisture resistant IP68 housing
- Solid cast housing, impact and shockproof
- Modular design with digital inputs and outputs + analog options
- Pre-wired, plug-and-play
- Rapid response time (approx. 0.1 seconds)
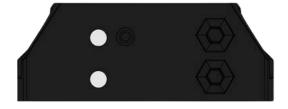- Global frequencies (434MHz, 915MHz, 2.4GHz) with frequency hopping

OPTIONS

- Available in three versions (6F/10F/20F)
- Optional analog I/O
- RS-232
- PWM

ACCESSORIES

- High current power supply
- Mounting magnets
- Antenna extension cable

CATTRON™

TYRO™ AQUARIUS 2S

TECHNICAL SPECIFICATIONS

FREQUENCY (+HOPPING PROTOCOL)	434 MHz (LBT+AFA), 915 MHz (FHSS), 2.4 GHz (FHSS)		
ANTENNA	SMA		
COMMUNICATION MODE	Duplex		
TRANSMISSION POWER	10.0 dBm at 434MHz, 915MHz	20 dBm at 2.4GHz (default)	
REACTION TIME	Approx. 0.1 second		
RECEIVERS PER TRANSMITTER	434 MHz, 915 MHz: Max. 10 receivers	2.4 GHz: Max. 8 receivers	
CERTIFICATION	CE, FCC, ISED, RCM, RED, ECE-R10		
DEGREE OF PROTECTION	IP68		
TEMPERATURE RANGE	-40° to +80°C (-40° to +176°F)		
	6F	**10F**	**20F**
MAX. CURRENT LOAD	4A per output, total max 10A	4A per output, total max 10A	4A per output, total max 2x 10A
MAX. SWITCHING VOLTAGE	8 - 36 VDC	8 - 36 VDC	8 - 36 VDC
POWER SUPPLY	8 - 36 VDC	8 - 36 VDC	8 - 36 VDC
DIGITAL OUTPUTS	6	10	20
DIGITAL INPUTS	2 + 2*	2*	2*
ANALOG OUTPUTS	4*	-	4*
ANALOG INPUTS	4*	-	4*
PWM	*	*	*
BUS NETWORKS	RS-232*	RS-232*	RS-232*
CABLE CONNECTION (stnd length: 1.5m/3.18")	10-core	12-core	12-core
DIMENSIONS (MM)	206.5 x 145 x 29 mm	206.5 x 145 x 29 mm	206.5 x 145 x 56 mm
DIMENSIONS (INCHES)	8.12 x 5.70 x 1.14 inches	8.12 x 5.70 x 1.14 inches	8.12 x 5.70 x 2.20 inches
WEIGHT	480 grams (1.05 lbs)	480 grams (1.05 lbs)	900 grams (1.98 lbs)

*Optional

Visit cattron.com for more information.

CONNECT. CONTROL. PROTECT.