

# AQUARIUS 2S

**TYRO**<sup>TM</sup>

## 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



# TYRO™ AQUARIUS 2S

## TECHNICAL SPECIFICATIONS

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

\*Optional

