

## ACU-X20

### Features

Remote electrical tilt device; integrated within the antenna;  
two (2) motors inside the ACU - one for driving the phase shift networks (PSN) and one to switch between the different PSN. The ACU interfaces with an antenna-embedded gearbox in order to manage up to 12 PSN.

- Field replaceable
- HW version: 00001 / SW version: 5.40.0
- Compliant with AISG v2.0 and 3GPP
- 4x8 Pin Connector



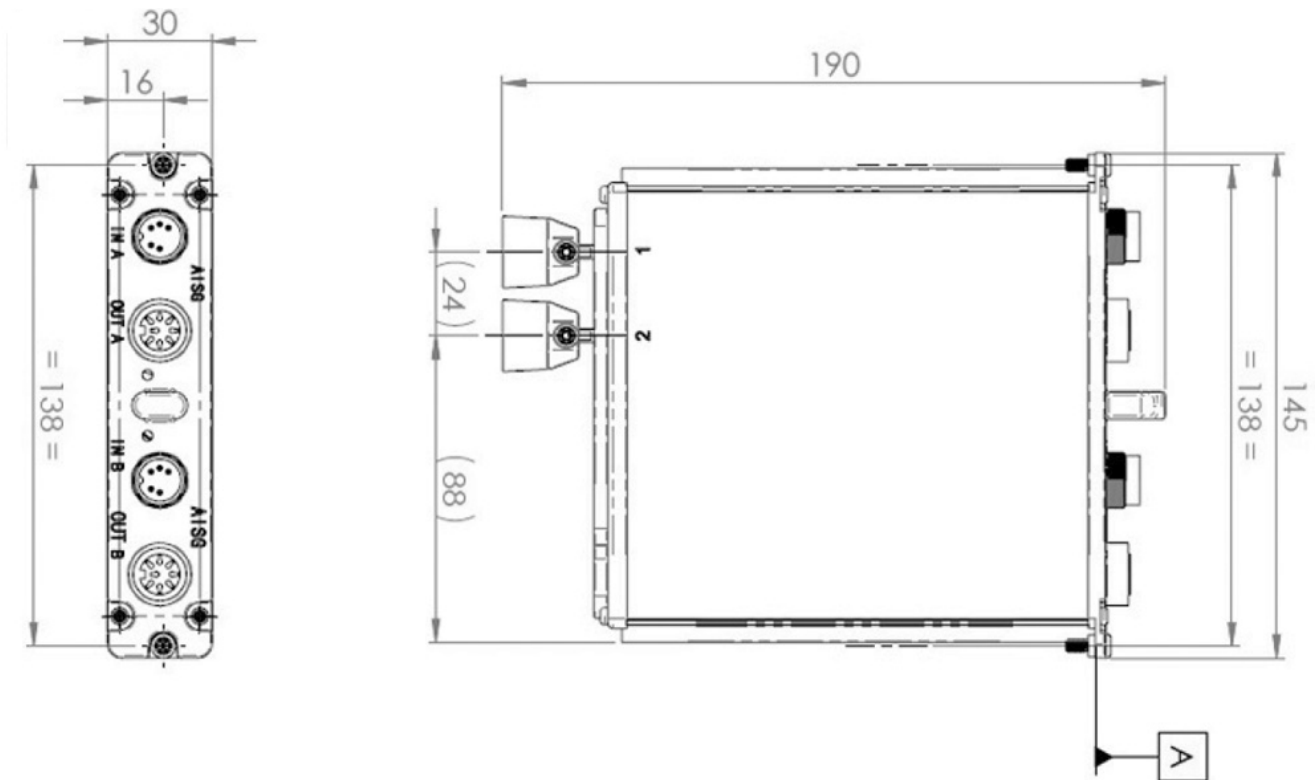
### ELECTRICAL SPECIFICATIONS

Protocol	---	Compliant with AISG v2.0 and 3GPP
Power Supply	V	10-30 VDC Compliant with AISG v2.0 and 3GPP TS 25.461 V6.0.0
Power Consumption	Watts	< 2 W (Standby), < 10 W (Motor Active)
Connectors	---	4 x 8 Pins Connector according to IEC60130-9 and AISG 2 x Daisy Chain In: Male; 2 x Daisy Chain Out: Female Pin 3: RS485B; Pin 5: RS485A; Pin 6: 10~30V; Pin 7: DC return Female connector: 8 Pins, Male connector: 4 Pins
Hardware Interface	---	RS485 and Power
Adjustment Time	Seconds	≤ 15 s (Typical, depending on antenna type)
Lightning Protection Rating	---	IEC 61000-4-5 Current Pulse Profile, Line to Ground 8/20 us @ 8kA ≥ ±5 Repetitions Line to Line, 8/20 us @ 3kA ≥ ±5 Repetitions

### MECHANICAL SPECIFICATIONS

Operating Temperature Range	degrees	-40° to +70° C (-40° to + 158° F)
Protection Class	---	IP65
Housing Material	---	Aluminum
Weight	g (lbs)	750 (1.7)
Dimensions	mm (in)	190 x 145 x 30 (7.5 x 5.7 x 1.2)

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### NOTES

This data is provisional and subject to changes.