

Antenna Actuator

For Rotary Wing Aircraft



The Antenna Actuator solves a major issue of downlink consistency by lowering the video downlink transmitter antenna below the aircraft. The Antenna Actuator provides clearance, allowing the line of sight transmission for the downlink signal. Antenna clearance is critical to avoid the blocking effect and obstruction caused by the skids, camera gimbal and other equipment fitted under the fuselage of the aircraft.

Automatic retraction of the Antenna Actuator is possible by connecting the control panel to the switched output of a radar altitude control system.

Two types of control panel are available:

- Handheld Retractor Control Panel
- HRCR Remote Control Panel, which provides comprehensive remote control of Downlink Transmitters and Uplink Receivers

Contact Vislink for assistance with your airborne downlink solution.

Key Features

[Remote controlled](#)

[Maintains line of sight of antenna](#)

[Easily fitted to skid tube](#)

Typical Applications

[News gathering](#)

[Airborne Operations](#)

[Sports Coverage](#)

Antenna Actuator Datasheet



Technical Specifications	
Air Speed	Maximum airspeed - 150 Knots IAS
Approvals	Aircraft dependent - consult factory NOTE: The customer is responsible for the integration and approval of the downlink system.
Power	
Supply Voltage	+28VDC
Power Consumption	1.2 Amps peak 600mA Nominal
Dimensions	
Length	570mm
Width	199mm
Height	182mm
Weight	5.5kg excluding control unit

Ref RD001708 Rev 2.02

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