

Radamec 431

Remote Pan and Tilt Head

Up to 15 kg (33 lbs)



The **Radamec 431** pan and tilt head supports camera and lens packages up to 15 kg (33 lbs) and is designed to give high performance in situations where the pan and tilt head should be as unobtrusive as possible.

Agile performance and precise repeatability are combined with the ability to perform slow, smooth, movements during on-air conditions. The head has been installed in many parliaments, legislatures and television studios around the world.

To simplify system installation the 431 head contains an internal control unit which is mounted on the inside of the head cover for easy access. This interfaces to the control panel through the power supply and controls shot storage, movement profiling and power for movements of pan, tilt, zoom and focus.

The head can be mounted on to standard tripods or can be inverted for wall or ceiling mounting.



Technical Specification

Part Number	431-No PSU
Head Dimensions:	
Height	195 mm / 7.69 "
Width	160 mm / 6.29 "
Length	170 mm / 6.69 "
Weight	6 kg / 13.2 lbs
Maximum Payload	15 kg / 33 lbs
Pan Range	355°
Maximum Speed - Pan/Tilt	Configurable up to 60°/ sec
Minimum Speed - Pan/Tilt	0.1° / second
Repeatability	3 mins of arc
Fixing Details	4 x M6 equally spaced on 84 mm diameter 4 x M6 equally spaced on 3.3 " diameter
Tripod Adaptor	Available
Power Requirement	+24 / 0 / -24 Volts DC / 200 Watts (from PSU)
Memory Capacity	600 shots / 99 Link sequences
Communications	4 ports, RS422 via PSU
Control Input	32 pin connector, power and data signals
Lens Control Outputs	2 x 10 pin connectors to RBS zoom and focus drives or the digital lens drive



Key Features and Benefits

- + 15 kg (33 lbs) payload
- + Compact size
- + Simple system configuration
- + Agile performance and precise repeatability
- + Ceiling, wall or tripod mounting
- + Unobtrusive operation
- + Low noise during movement
- + Can be controlled by the Vinten Radamec Control System