

HS RANGE

PAN AND TILT HEADS

The full HS Range of remote pan and tilt heads are designed to support the latest studio, or portable cameras and lenses with any combination of lens, viewfinder or teleprompter.



The extremely rigid mechanical design and high precision servo technology ensures the HS Range of heads provide broadcast quality smooth movement at all times, while still achieving outstanding acceleration working seamlessly with the Vinten Radamec Control System.

The **HS 2010RED** and **2010MED** include an electronic drag system in the pan and tilt axes, providing smooth continuously variable drag over a wide range.

The **HS 105P** is designed specifically for use with ENG size camera and lens configurations with a 75 lbs (34kg) capacity.

The fast acceleration and angular velocity of the **HS 105P** lends itself to a variety of applications outside the studio environment, including parliamentary, or conference coverage.

The **HS 102P** is a small profile versatile remote pan and tilt head that can be wall mounted, hung from a ceiling suspension bracket, or used with a tripod or pedestal. It delivers high speed and accuracy in very tight spaces.

The heads are also available in weatherproof versions, which will operate over an extended temperature range of -4°F to 122°F / -20°C to +50°C.

For virtual studios there are factory fitted solutions available, providing real time digital electronic positioning of pan, tilt, zoom and focus to external graphic computers in each of the heads described here.

Key Features

- ➔ Genuine broadcast quality movement, reliability and durability, matched only by the Vinten Radamec range of heads
- ➔ Range caters for all known broadcast camera configurations
- ➔ All may be used with the native lens drive for Autocam heads for direct lens servo control
- ➔ Can all be controlled by the Vinten Radamec Control System



HS RANGE PAN AND TILT HEADS

Technical Specification

	HS-2010MED	HS-2010RED	HS 105	HS 102
Payload	199lbs / 90kg	120lbs / 54.4kg	75lbs / 34kg	35.3lbs / 16kg
Weight	90lbs / 41kg	82lbs / 37.2kg	38lbs / 17.2kg	17lbs / 7.7kg
Height	17.5" / 444mm	17.5" / 444mm	17.2" / 437mm	8.9" / 225mm
Width	20" / 508mm	20" / 508mm	14.4" / 367mm	14.6" / 371mm
Depth	9.5" / 241mm	9.5" / 241mm	7" / 178mm	6.4" / 161.8mm
Angular Range (pan)	359°	359°	359°	359°
Angular Range (tilt)	±45° typical	±45° typical	359° capable ±30° typical	±179°
Accuracy (Pan & Tilt)	90 Arcseconds	90 Arcseconds	90 Arcseconds	60 Arcseconds
Angular Acceleration	120° / second/ second	180° / second/ second	180° / second / second	180° / second / second
Angular Velocity (Max)	60° / second	90° / second	180° / second	60° / second
Angular Velocity (Min)	0.01° / second	0.01° / second	0.01° / second	0.01° / second
Power Supply Requirement	100-240 VAC / 50-60 Hz	100-240 VAC / 50-60 Hz	100-240 VAC / 50-60 Hz	100-240 VAC / 50-60 Hz
Power Supply Consumption (Peak)	250W	250W	500W	150W

Specifications and features subject to change without notice

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DRIVING THE FUTURE

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BROADCAST ROBOTICS

Robotic Camera Control Systems