

Product Information

Pan/Tilt Motor

High Speed Pan/Tilt Motor SN-15AH/PPHS/ALU

Product Data

- variable high speed up to 130°/sec.
- panorama function (pre-set tour)
- invisible, internal cabling
- high precision stepper motors/ worm gears
- pre-set call with a backlash < 0.1°
- holding torque 30 Nm
- includes full RS485 telemetry
- 15 kg payload, IP rating IP65



Description

The videotronic infosystems variable high speed pan/tilt motor is a breakthrough compared to conventional pan/ tilt motors available to date. It combines elegant design with excellent and outstanding performance. Among individual and customised programs and control functions you have very accurate panorama steering (pre-set tour through up to 100 different pre-programmed positions) with variable speed adjustment of up to 130°/sec during pre-set call with a backlash of < 0.1°. The motor is using high precision stepper motors and self-locking worm gears, resistant to wear. Due to self-lubricating gears the unit is suitable for continuous operation. Regular service and / or maintenance are not necessary.

The integrated RS232 serial interface allows the unit to be adapted to any existing telemetry system. The integrated RS485 control circuit board makes the motor fully compatible with the BUSTRONIC® RS485 network. In combination with the videotronic infosystems 1/2" and 1/3" HQ System Cameras (colour, mono or day/night) the variable speed is automatically controlled in relation to the zoom position (wide / tele). This package embodies one of the most elegant and sophisticated PTZ camera units available on the market. An additional WA-40BSN bracket is required for wall mount, for corner mount - allowing panning for 270° - the optional corner mount EMH-SN is required in addition to the WA-40BSN.

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Technical Specifications

Type	High Speed P/T Motor SN-15AH/PPHS/ALU
Power supply	230 VAC, 50 Hz prim. via power supply unit
Ambient temperature	-20° C up to +60° C
Dimensions	300 x 230 x 210 mm (W x H x D)
Max. payload	15 kg
Max. payload at V^{\max}	5 kg
Application	outdoor / indoor
IP rating	IP65
Housing finish	aluminium low profile/ lateral covers: diecast
Housing colour	RAL 7035 grey-beige
Pan movement	+/- 175°
Pan / tilt speed	min. 1.5°/sec. during manual control max. 45°/sec. during manual control max. 130°/sec. during pre-set call
Holding torque (horizontal)	30 Nm
Driving torque (horizontal)	> 8 Nm (standard)
Tilt movement	+/- 60°
Holding torque (vertical)	30 Nm
Driving torque (vertical)	> 6 Nm (standard)
Backlash	< 0.1°
Pre-set positions	up to 100 pre-set positions, pre-set call via incremental transducer
Service / maintenance	resistant to wear, self-lubricating gears
Limit switches	internal adjustment
Control	RS485 (BUSTRONIC) or RS232
Home position	yes, time adjustable
Panorama tour	yes, up to 100 positions
Positioning tolerance	0.05° (one increment)
Weight	approx. 9 kg
Approval	CE certified

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