

# MPT Series

*LIGHT-DUTY PAN/TILT MOTORS*



**MPT**



**MPTS**

The MPT and MPTS are mini pan/tilts designed to provide light duty horizontal and vertical positioning operation for indoor cameras. With external pan limit switches, these pan/tilts are easily adjusted.

The MPT includes die-cast aluminum wall brackets creating an integral unit that is easy to install. The MPTS satisfies all indoor, light duty inverted or upright surface mount applications.

The MPTS top mount pan/tilt is made from a non-conductive ABS material, capable of loads up to 15 lbs.

- **Cost effective**
- **External pan limit switch adjustments**
- **Autopan with delay reversal built-in**
- **Ceiling installations (MPTS)**
- **Integrated aluminum wall bracket for wall mount applications (MPT)**

# MPT Series

## TECHNICAL SPECIFICATIONS

### MODELS

<b>MPT</b>	Light-duty, wall-mount, indoor, 7°/sec pan and 3°/sec tilt with 24V ac operation
<b>MPTS</b>	Light-duty, ceiling or dome mount, indoor, 7°/sec pan and 3°/sec tilt with 24V ac operation

### ELECTRICAL

Input Voltage	24V ac 60Hz
Power Requirements	20W
Motors	Two phase induction type, continuous duty, instantaneous reversing
Cable Requirements (Hardwire)	MPH series 4 conductor, MPT series 6 conductor, unshielded (left, right, motor common, autopan) autopan feature included

#### Max. Cable Distances for Hardwire Control

AWG of Cable	4 Conductors	6 Conductors	7 Conductors
20	285 ft.	105 ft.	200 ft.
18	450 ft.	165 ft.	320 ft.
16	715 ft.	280 ft.	520 ft.

### MECHANICAL

Pan: (MPT series)	
Rotation	0° - 350° movement in horizontal plane
Speed	7°/sec ± 0.5°/sec (no-load condition)
Tilt: (MPT series)	
Rotation	0°-90° movement in vertical plane
Speed	3°/sec ± 0.5 (no load condition)
Maximum Load	15 lbs (6.8kg)
Gearing (MPH series)	Metal
Dimensions	See drawings
Weight:	
MPT	3.6 lbs (1.6kg)
MPTS	2.9 lbs (1.3kg)
<b>GENERAL</b>	
Construction	Non-conductive ABS plastic
Finish	white
Environment	Indoor
Operating Temp.	-10°F - 140°F (-23°C - 60°C)

### RECOMMENDED CONTROL

<b>CBZ24V</b>	Desktop, hard wired control pad for 24V ac scanner or pan/tilt motor control and zoom lens control, includes autopan function control.
<b>DCMT8 / DTMRX</b>	Digital telemetry control pad for up to 16 scanners or pan/tilts and two SW8.2REM mini switchers. Works with DTMRX receiver driver, no presets. Uses twisted pair, shielded conductor for current loop.

