

# LTPM13

## Outdoor Pan and Tilt Unit for Loads up to 200 kg (440.9 lb)

IP66, maximum load of 200 kg (440.9 lb), speed adjustable pan and tilt, aluminum alloy construction



<b>Model</b>	<b>LTPM13</b>
<b>Type</b>	Indoor/Outdoor
<b>Protection Rating</b>	IP66, NEMA-4X enclosure rating
<b>Material</b>	High-strength aluminum
<b>Finish</b>	Beige
<b>Input Power</b>	220 V AC
<b>Power Consumption</b>	< 600 W (without heater), standby max. 8 W
<b>Pan Speed</b>	<ul style="list-style-type: none"> <li>• 0.001° to 120° per second ( <b>LTPM13H</b> )</li> <li>• 0.001° to 45° per second ( <b>LTPM13-M</b> )</li> <li>• 0.001° to 30° per second ( <b>LTPM13-L, LTPM13-E</b> )</li> </ul>
<b>Pan Range (Movement in Horizontal Plane)</b>	0° to 360° continuous
<b>Tilt Speed</b>	<ul style="list-style-type: none"> <li>• 0.001° to 100° per second ( <b>LTPM13H</b> )</li> <li>• 0.001° to 30° per second ( <b>LTPM13-M</b> )</li> <li>• 0.001° to 6° per second ( <b>LTPM13-L, LTPM13-E</b> )</li> </ul>
<b>Tilt Range (Movement in Vertical Plane)</b>	<ul style="list-style-type: none"> <li>• -90° to 90° ( <b>LTPM13H, LTPM13-L</b> )</li> <li>• -45° to 45° ( <b>LTPM13-M, LTPM13-E</b> )</li> </ul>
<b>Accuracy</b>	0.0042°
<b>Operating Ambient Temperature</b>	-40 °C to 65 °C (-40 °F to 149 °F)
<b>Relative Humidity</b>	5 % to 95 % noncondensing
<b>Communication</b>	RS-422
<b>Protocols</b>	Pelco-D, Pelco-P
<b>Baud Rate</b>	2,400/4,800/9,600 bps adjustable
<b>Standard Setting</b>	-
<b>Dimensions (W x H x L)</b>	428 mm x 460 mm x 230 mm (16.9 in x 18.1 in x 9.1 in)
<b>Packing</b>	-
<b>Dimensions (W x H x L)</b>	-
<b>Weight</b>	109 kg (240.3 lb)

\*Design and specifications are subject to change without prior notice.

### Features

- IP66, NEMA-4X enclosure rating
- High-strength aluminum construction
- Designed for indoor and outdoor applications
- Pan and tilt speed adjustable and range selectable
- Support analogue or network cameras (optional)

### Available Models

Model	Pan Speed	Tilt Speed	Tilt Range	Maximum Load
<b>LTPM13H</b>	0.001°/s to 120°/s	0.001°/s to 100°/s	-90° to 90°	100 kg (220.5 lb)
<b>LTPM13-M</b>	0.001°/s to 45°/s	0.001°/s to 30°/s	-45° to 45°	150 kg (330.7 lb)
<b>LTPM13-L</b>	0.001°/s to 30°/s	0.001°/s to 6°/s	-90° to 90°	200 kg (440.9 lb)
<b>LTPM13-E</b>	0.001°/s to 30°/s	0.001°/s to 6°/s	-45° to 45°	250 kg (551.2 lb)

### Tech Specs

<b>Model</b>	<b>LTPM13</b>
<b>Maximum Load</b>	<ul style="list-style-type: none"> <li>• 100 kg (220.5 lb) (<b>LTPM13H</b>)</li> <li>• 150 kg (330.7 lb) (<b>LTPM13-M</b>)</li> <li>• 200 kg (440.9 lb) (<b>LTPM13-L</b>)</li> <li>• 250 kg (551.2 lb) (<b>LTPM13-E</b>)</li> </ul>