

# 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> |