

Heliport Approach Path Indicators CM-HT12/HAPI

Application

Heliport HAPI Light, Heliport Approach Path Indicators to provide the pilot with safe and accurate glide slope on final approach to the helipad. A set of two LED HAPI lights are seen by the pilot in combinations of green and red to indicate a path that is too high, too low or within the $6 \text{ degree} \pm 0 \text{ degree}$ and 15' glide slope.

HAPI Light, precision approach path indicator system usually consists of Two light units located at the side of the runway adjacent to the origin of the glide path. The lights are equally spaced, with a colour-coded light output providing a visual indication of an aircraft's approach position relative to the designated glide slope for the runway heading. HAPI light which is made for flashing red or green to steady burning red or green as coming approach angle of helicopter.

Key Feature

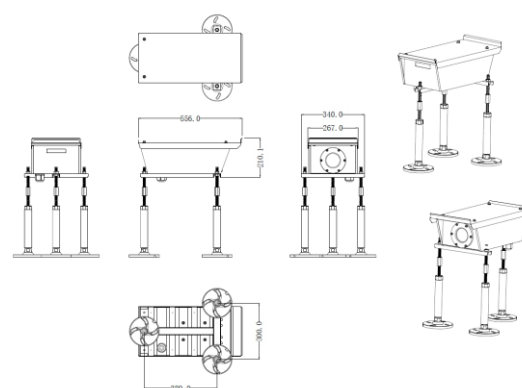
- Using precision angle sensor to detect the tiny change of the inclination angle of each unit (precision 0.6 minute), and the real time data is showed on the LED digital tube display at the back of each indicator. When the angle deviate more than the setting value (normally not exceeding 15 minutes), the system will shut off itself, and alert the control center.
- The special optical strengthened filters have high transmission factor and good thermal resistance, and with no discoloration.
- Structure design ensures very good water-tightness and protection against corrosion, and ensures the electronic components not affected by the heat from the lamps. The structure has gotten application patent (Pat. No:ZL201320196674.4)
- The unit is mounted in standard on three legs, each leg has a unitized structure, which comprises three mental components for adjusting the angle. The structure has gotten application patent (Pat. No:ZL201320196153.9)
- Easy sit adjustment by using a clinometer.
- Red to white transition is accurate with value not exceeding 3 minutes.
- Excellent frangibility without sacrifice of any stability.
- Easy maintenance: replacement of main elements does not require either unit adjustment or any special tools.
- Front glass protecting lenses against sad, wind, and engine blast.
- Very easy access to all components by removing the cover.



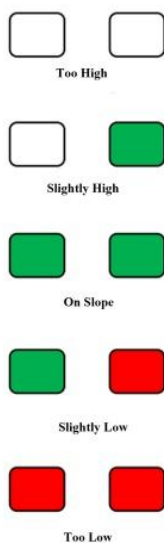
Specification:

| Item | Parameter |
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| Model | CM-HT12/HAPI |
| Operating voltage | 48Vdc,50-60Hz Optional:6.6A,50-60Hz 24Vdc,50-60Hz |
| Power consumption | ≤150W |
| Load capacity | Option1: HAPI system,LED Green and Red Option2: CHAPI system,LED White, Green and Red |
| Slop Angle Signal Setting | 2°-8° |
| Ingress Protection | IP66 |
| Three Dimming Adjustment | 10% , 30% , 100%dimming |
| Local Site Setting | From1#to4# |
| Operating temperature | -40°C~55°C |
| Overvoltage and Overcurrent protection | Voltage ≤ 48V or current ≤ 0.05A, turn off all lamps automatically |
| Weight | 35 kg/pcs |
| Overall Dimension (mm) | 340*210*556mm |
| Optical Angle Calibration protection | When the flight Angle is≤-0.2°or≥0.5°, turn off all lamps automatically |
| Quality Assurance | ISO9001:2015 |

Dimmension:



Heliport CHAPI



Airport PAPI

