# IM57114AE

## 100 Meter PT White LED Illuminator

IM SERIES

The IM57114AE is a high-performance long-range spotlight equipped with a high-power laser LED module and ultra-white 6500K LED, providing powerful illumination up to 100 meters. With 360° endless panning and a 240° tilting range, it offers exceptional flexibility, ensuring comprehensive coverage in any direction.

Designed for durability, the IM57114AE features remote control functionality, allowing users to easily adjust the illumination position and switch the spotlight on or off. Built to withstand harsh environments, it meets the IP67 waterproof and dustproof standard, making it ideal for outdoor surveillance, searchlighting, and specialized operations.

LED

- Radiant distance up to 100m
- Ultra white LED 6500K
- High power Laser LED module
- Remote control of spotlight on/off and illumination position
- 360° Endless panning
- Tilting range up to 240
- IP67 rain and dust resistant



# Specs



| Performance | |
|---|---|
| Maximum Radiant Distance | 100m |
| Illuminator Light -Wave Length | Ultra White 6500K |
| Illuminator Light -Beam Angle | 1.6° – 11° |
| Illuminator Light -TypeRatio | High power Laser LED module |
| Illuminator Light -Light intensity | 100,000 Lux ±10% @3.5m (1.6° ) |
| Panning range | 60° Endless |
| Panning speed | Manual Approx. 0.5° /s – 120° /s 8 Steps, Preset Approx. 1° /s – 300° /s |
| Tilting range | -30° – +210° |
| Tilting speed | Manual Approx. 0.5° /s – 120° /s 8 Steps, Preset Approx. 1° /s – 300° /s |
| Mount type | Installed with Mounting Bracket |
| IP Rating | IP67 |
| Vandal Resistant Rating | IK10 (Casing) |
| Regulatory Approvals | CE, FCC |
| Starting Temperature | -10° C – +60° C (14° F – 140° F) |
| Operating Temperature | -25° C – +60° C (-13° F – 140° F) |
| Storage Temperature | -25° C – +60° C (-13° F – 140° F) |
| Humidity | 5% – 90% RH |
| Casing Material | Aluminum alloy & Polycarbonate |
| Color (RAL Number) | White |
| Dimension | Ø184 × 368(H) mm |
| Weight | 6000g |
| Power Supply | DC 21V – 35V / PoE++ (IEEE 802.3bt compliant) |
| Power Consumption | DC 24V, 29W max. / PoE++, 31W (Still, Illumination OFF)<br>DC 24V, 45W max. / PoE++, 47W (Motor Drive & Illumination On) |
| **Network** | |
| Security - Encryption | Base64 HTTP encryption, HTTPS encryption |
| Security - Authentication | Digest HTTP authentication |
| Security - Filtering | Yes |
| Security - User accounts | 10 user accounts available |
| Web PT Control | Pan, tilt, absolute position |
| Maintenance | Firmware update via HTTP and IP Scan; Firmware available at web site |
| Languages | English, Traditional Chinese, Simplified Chinese, Italian, Hungarian,Korean, French, Turkish, Spanish, Japanese |
| Ethernet | 10/100 Mbps Base-T, RJ-45 |
| Network Protocols | IPv4, TCP, HTTP, HTTPS, NTP, DHCP, Telnet |
| Web browser | Microsoft® Edge, Chrome, Firefox |