

IM57114AE

100 Meter PT White LED Illuminator



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



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) 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