

MIR4300

ULTRA HIGH-INTENSITY SEARCHLIGHT

DESIGNED FOR EXCEPTIONALLY LONG RANGE ILLUMINATION OF DISTANCES UP TO 5 KM / 3 MILES, THE MR4300 CAN BE DEPLOYED AS A FIXED/MOBILE SEARCHLIGHT CONTROLLABLE FROM A REMOTELY POSITIONED PC STATION UP TO 2 KM / 1.3 MILES AWAY OR BY HAND HELD REMOTE CONTROL. THIS IS THE IDEAL OEM UNIT TO INTEGRATE INTO A VARIETY OF SECURITY SURVEILLANCE AND EMS SYSTEMS. WITH ITS PURPOSE BUILT ALL WEATHER HOUSING, IT CAN WITHSTAND EXTREME ENVIRONMENTAL CONDITIONS.

TYPICAL APPLICATIONS

- Perimeter lighting
- Sniper suppression
- Uniform target illumination
- Counter terrorism
- Border illumination and cross border illumination
- Reconnaissance
- Illumination to assist CCTV surveillance

FEATURES

- Range 5km / 3.1 miles illumination
- The unit can be remotely operated from up to 2km with on/off, zoom and normal/high/strobe functions
- Manual or computer controlled
- Can be removed from fixed position and used with a tripod
- Operates in both IR and visible light
- Operational temperature -40°C / -40°F to +50°C / +122°F
- Comes standard with semi-covert IR filter (850nm) upgradeable to covert IR filter (930nm)
- Collimated light beam with uniform field of illumination
- Adjustable beam spread
- Reverse polarity protection
- Over temperature protection
- All optics are anti-reflective coated
- Operates from 12 – 13 VDC or with AC / DC converter 110 – 250 VAC, 50 – 60 Hz
- Strobe (8Hz)

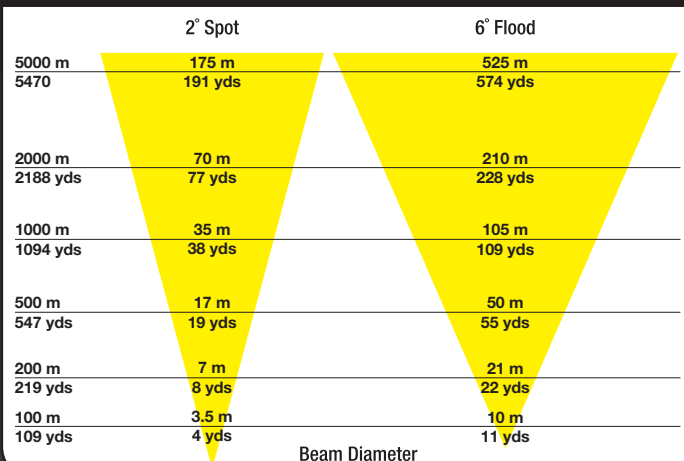


MR4300 unit



Unit encased in All Weather Housing

MEGARAY BEAM SPREAD



THE WORLD'S BEST ULTRA HIGH-INTENSITY SEARCHLIGHT

MIR4300

ULTRA HIGH-INTENSITY SEARCHLIGHT

STANDARD SYSTEM CONSISTS OF

COMPUTER CONTROL CONFIGURATION

- 1 MR4300 unit
- 3 RS232 to RS485 comm. converter with software
- 6 Comm. cable

MANUAL CONTROL CONFIGURATION

- 1 MR4300 unit
- 2 Remote control unit
- 6 Comm. cable

OPTIONAL COMPONENTS

BATTERY PACK

- 4 Battery unit
- 5 Battery charger

ENVIRONMENTAL ENCLOSURE

- 7 All weather enclosure



MODES OF OPERATION

- 1 High beam (100% light output)
- 2 Low beam (approx. 50% of max. light output)
- 3 Strobe mode (8Hz)

TECHNICAL SPECIFICATIONS

ITEM	DATA
Light Intensity	20 million candela (peak)
Light Source and Colour	
Source	300 W short arc xenon bulb
Colour Temperature	5900 Kelvin
Beam Divergence	
Spot Mode	2°
Flood Mode	6°
Lens System	
Galilean telescope	
IR Filter	
A single internal semi-covert IR filter (850nm) is fitted that can be optionally replaced by a covert filter (930nm)	
Operating Temperature	
-40°C to +55°C / -40°F to +131°F	
Weight	
Light Unit	11.4kg / 25.6lbs
Remote Control Unit	200g / 0.45lbs
Comm Converter	100g / 0.255lbs
Battery Unit	7kg / 15.7lbs
Dimensions	
Light Unit	440mm x 330mm x 185mm / 17.3inch x 13.0inch x 7.28inch
Remote Control Unit	160mm x 90mm x 60mm / 6.29inch x 3.54inch x 2.36inch
Comm Converter	365mm x 90mm x 165mm / 14.37inch x 3.54inch x 6.50inch
Battery Unit	365mm x 90mm x 165mm / 14.37inch x 3.54inch x 6.50inch
Power Source	
External Power Source	12V - 30VDC at 200W
Battery Type	Lithium polymer rechargeable battery
Battery life @ 23°C / 73.4°F	
High Beam	90 minutes (continuous)
Low Beam	185 minutes (continuous)
Battery Recharge	approx 10 hours

* As part of our policy of continuous product improvement we reserve the right to change specifications at any time

MEGARAY[®]
www.megaray.com

Megaray SA (Ltd)

Somerset House | 11 York Street | Johannesburg
2194 | South Africa

All correspondence to:

PO Box 78800 | Sandton | 2146 | South Africa

Tel +27 11 326 1167

Fax +27 11 326 1165

Email info@megaray.com