

# UNIVERSAL

Infrared Night  Technology

## mini robust

LONG RANGE INFRARED ILLUMINATOR



**IDEAL FOR ALL KINDS OF FIXED CAMERAS, PLATE READING AND MILITARY VEHICLE APPLICATIONS.**

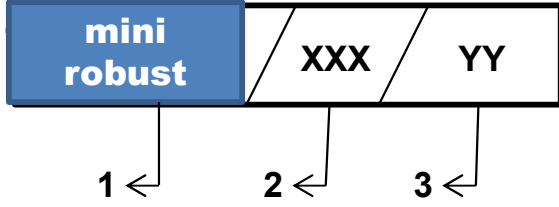
- Night vision range up to 300m
- **IP 68**, Highest protection against dust and water
- **IK10**, Highest impact resistance
- **UV resistant** cable and accessories
- Stainless steel metal accessories
- 850 nm ve 940 nm wavelength options
- 14W power consumption (option 9W)
- 220V AC, 48V DC, 24V DC versions,
- Automatic day/night operation by photocell switch
- Power Led technology
- 20+ years projected lifetime
- **5 (FIVE) years Warranty**
- Quality Certificates from independent organisations
- **OPTION 1: MIL-STD-461F version**
- **OPTION 2: EX-PROOF** (Zone 2 version)
- **OPTION 3: Day/Night synchronization with camera**

## TECHNICAL FEATURES

Index of protection	: IP 68 (highest protection against dust and water)
Impact resistance	: IK10 (highest level)
Operating temperature	: + 60° C, - 50° C,
Power	: 14 W
Operating voltages	: 220V AC or 48VDC or 24VDC
Cable	: 2x0.5 mm <sup>2</sup> UV resistant, flame retardant, 1,5 m
Body material	: Solid and Pure Aluminum
Surface coating	: Anodized
Color	: Black
Glass	: UV and impact resistant,
Bolts and nuts	: Stainless steel
Dimensions	: 107 mm dia, 74 mm depth(excl. bracket)
Weight	: 1 kg
Radiation angles	: 20°, 45°, 70°, 90°, 120°
Projected lifetime	: 20+ years



## CODING



1. Model : **mini robust**
  2. Wavelength : 850 nm, 940 nm
  3. Angles : 20°, 45°, 70°, 90°, 120°
- Example : **mini robust 850 / 70**

## Quality Certificates



## Night Vision Ranges at Absolute Darkness

850 nm		940 nm	
20°	300m	20°	150m
45°	150m	45°	75m
70°	100m	70°	50 m

Above ranges have been obtained by 0,01 lux D/N box camera and zoom lens at absolute darkness



220V AC connection box with photocell switch and led driver, IP66 (12x15x6cm)



Pole mounting plate for the box