



**UNI 100 –EX  
EX-PROOF VERY LONG RANGE  
INFRARED ILLUMINATOR.  
SUITABLE FOR  
ZONE 2 AND ZONE 22**



**IDEAL FOR WIDE ANGLE AND LONG RANGE  
ANALOG AND IP CCTV**

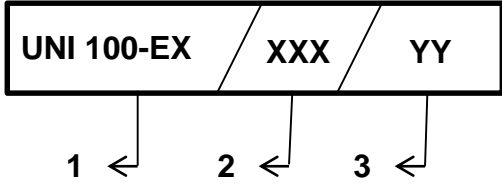
- 500+ meter night vision at absolute darkness
- Very high infrared radiation
- **IP 68**, Highest protection against dust and water
- **IK10**, Highest impact resistance
- UV resistant cable and accessories
- Stainless metal accessories
- 850 nm and 940 nm wave length options
- 220V AC, 48V DC **PoE**, 12V DC versions
- Automatic day/night operation by external photocell switch
- Surface Mount Power Led technology
- 95% saving compared to conventional lamps
- 10+ years projected lifetime
- Quality Certificates from independent organisations.

## TECHNICAL FEATURES

Index of protection	: <b>IP 68</b> (highest protection)
Impact resistance	: <b>IK10</b> (highest degree)
Operating temperature	: + 50° C, - 20° C
Power consumption	: 20 W
Operating Voltage	: 220V AC, PoE 48V DC, 12V DC
Cable	: 2x1 mm2 UV resistant, flame retardaant, 1,5 m
Body material	: Solid Aliminum
Surface	: Anodized
Color	: Black
Glass	: UV and impact resistant
Bolts, nuts, washers	: Stainless Steel
Dimensions	: 150 mm dia., 70 mm depth (bracket excluded)
Weight	: 1.9 kg
Projected lifetime	: 10 -15 years



## CODING



1. Model UNI 100 - EX
2. Wave length 850 nm, 940 nm
3. Radiation angle: 25°, 45°, 60°, 90°, 120°  
Example: UNI 100 – EX / 850 / 25

Night Vision Ranges			
850 nm		940 nm	
25°	500 m+	25°	150 m
45°	250 m	45°	70 m
90°	150 m	90°	40 m
120°	60 m	120°	25 m

Above ranges have been obtained by 0.01 lux D/N box camera and zoom lens combination



Led driver (not exproof) must be located either outside the atex zone or in an exproof box.

Compliance to EUROPEAN NORMS have been approved by independent organisations.

