

## NEXT IR ILLUMINATOR

INNOVATIVE EXPLOSIONPROOF IR LED ILLUMINATOR

HAZARDOUS AREA

- **INNOVATIVE PRODUCT, BEST IN CLASS TECHNOLOGY**
- ATEX/IECEX/UKCA/INMETRO EXPLOSIONPROOF IR LED ILLUMINATOR FOR HAZARDOUS LOCATIONS
- AISI316L STAINLESS STEEL CONSTRUCTION
- CERTIFICATION TEMPERATURE -60°C +60°C
- INFRARED LED TECHNOLOGY, 850NM
- BEAM PATTERNS 15° AND 34°
- IP66/67/68/69, NEMA 4X
- OPTIONAL SUNSHIELD AVAILABLE
- H2-READY



### TECHNICAL SPECIFICATIONS

#### GENERAL & MECHANICAL

<b>Dimensions</b>	See dimensions drawings
<b>Operating Temperature</b>	-60° +60°C (-76°F +140°F)
<b>Construction</b>	AISI316L Stainless Steel
<b>Finish</b>	Electro-polished
<b>Mounting</b>	4x M5 on 101,6 PCD 4x M6 on 90x130
<b>Cable entries</b>	2x M25 x1,5
<b>Weight</b>	Unit: 8kg / Package: 9.5Kg

#### ELECTRICAL

<b>Available voltages</b>	24VAC/DC, 120VAC, 230VAC (+/-10%)
<b>Activation</b>	Open collector/Dry contact/External photocell
<b>Output</b>	Output, to provide status feedback
<b>STROBO command</b>	To synchronize video signal with FPS duty cycle
<b>Temperature protection</b>	Automatic power reduction (>60°C) Automatic switch OFF (>80°C)
<b>Power consumption</b>	25W

#### CERTIFICATIONS

<b>Ingress Protection</b>	EN 60529 (IP66/IP67/IP68/IP69), NEMA 4X
<b>Vibrations and Shock</b>	EN/IEC 60068-2-6; EN/IEC 60068-2-27; DNV-CG-0339
<b>EMC</b>	EN 55035; EN/IEC 61000-6-4; EN/IEC 61000-3-2; EN/IEC 61000-3-3; EN/IEC 61000-6-2; CISPR-32; CISPR-35; DNV-CG-0339
<b>LVD</b>	EN/IEC 62368-1
<b>FCC</b>	FCC part 15B
<b>RoHS</b>	2011/65/EU + 2015/863/EU (RoHS 3)
<b>WEEE</b>	2012/19/EU

#### LED ILLUMINATOR

<b>LED</b>	14x SMD LED
<b>Wavelength</b>	850nm
<b>Beam patterns</b>	15° or 34°

#### MODELS

<b>TXL2-15LED</b>	AISI316L explosion-proof Infrared LED illuminator, 15 degrees, 120VAC
<b>TXL3-15LED</b>	AISI316L explosion-proof Infrared LED illuminator, 15 degrees, 230VAC
<b>TXL6-15LED</b>	AISI316L explosion-proof Infrared LED illuminator, 15 degrees, 24VAC/DC
<b>TXL2-34LED</b>	AISI316L explosion-proof Infrared LED illuminator, 34 degrees, 120VAC
<b>TXL3-34LED</b>	AISI316L explosion-proof Infrared LED illuminator, 34 degrees, 230VAC
<b>TXL6-34LED</b>	AISI316L explosion-proof Infrared LED illuminator, 34 degrees, 24VAC/DC

Optional sunshield available on request

#### ACCESSORIES

<b>SSBK-M</b>	Wall mounting bracket
<b>SSPM-M</b>	Pole mount adapter for SSBK-M
<b>SSPTM-M</b>	Top pole mount adapter
<b>SSDM-M</b>	Adapter to mount a TSL illuminator and a TSF camera on a single SSBK-M bracket
<b>EXUCTL1.5</b>	1,5 meters bridge cable with 2x M25 barrier nickel-plated brass glands, to activate TXL illuminator from TXF camera

## DIMENSIONS

