



## SecuriBeam ILIA

Product Catalogue 2021

**incite** fire

# 1. Introduction



## Beam Smoke Detector

The beam smoke detectors consist either of a transmitter and a receiver mounted on opposite walls (ILIA, ARDEA, G100 systems) or a transmitter/receiver unit and a reflector mounted on the opposite wall (BSD system). The infrared light beam from the transmitter is sent to the receiver or via reflector sent back to the receiver.

## Applications

Thanks to the linear design of transmitter and receiver or reflector, the SecuriBeam can be deployed wherever conventional point detectors cannot be used due to structural issues or when such detectors are not able to guarantee optimal protection. Examples of such applications:

- Large warehouses and production halls
- Covered inner courtyards (atriums)
- Reception halls
- Warehouses
- Attics in churches
- Cinemas, theatres

## Production

All Securiton fire alarm systems, system components and detectors are developed and manufactured in Europe and in compliance with the most recent European standards, as well as representing the cutting edge of technology based upon the most up-to-date scientific knowledge.

## Product

The descriptions and technical data included in this catalogue are up-to-date at the time of release. We reserve the right to make alterations to them, particularly where justified by technological advancements. The illustrated products may also differ visually from the products supplied as a result of continuous further development of products.

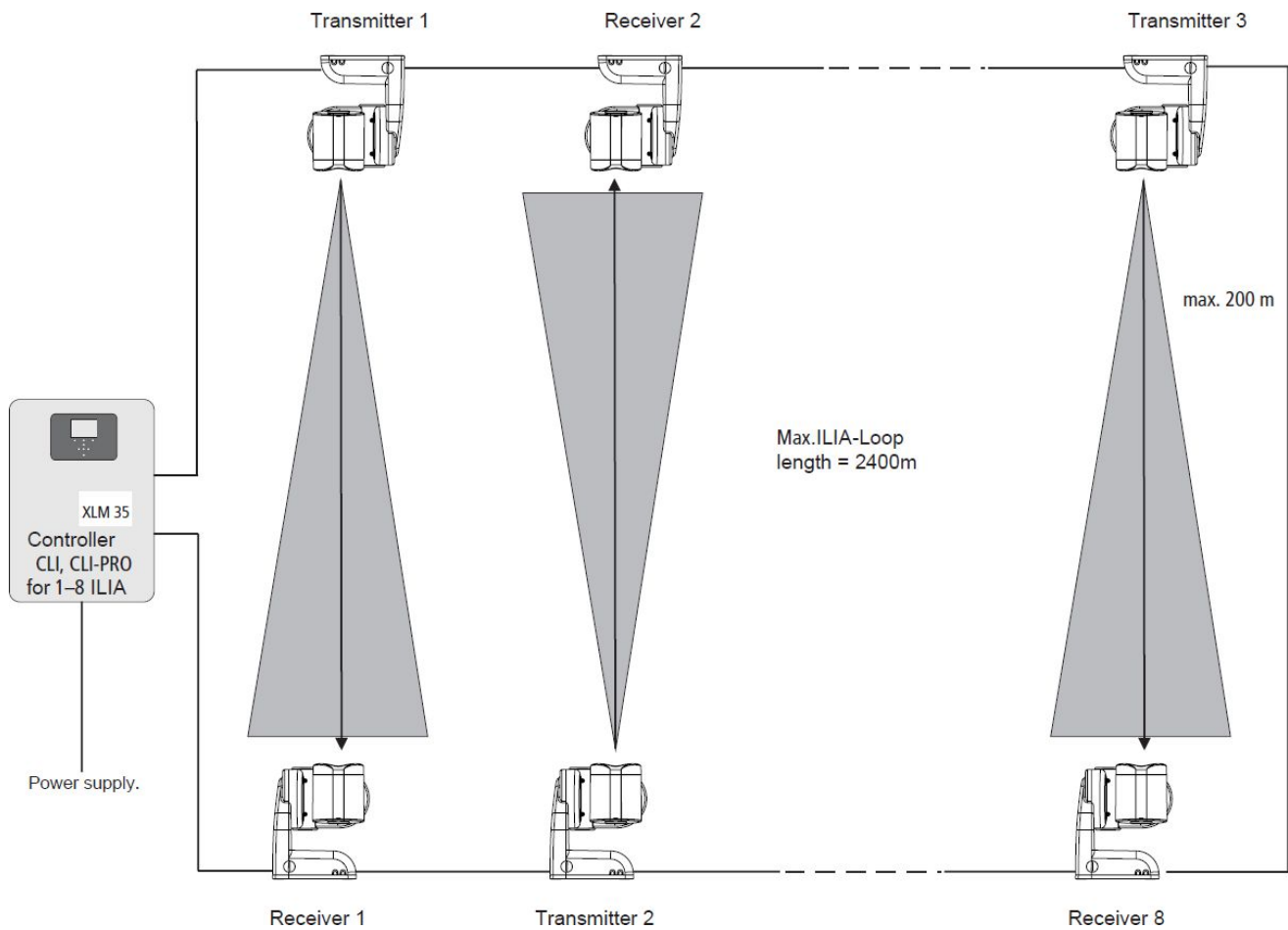
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## System Overview

### 2. System Overview

#### 2.1. SecuriBeam ILIA



The illustrated components are examples and can be combined within the scope of the technical possibilities. The technical documentation, installation instructions and regional standards must be observed.

## Beam Detector ILIA

### 4.2. SecuriBeam ILIA Pro

#### Linear smoke detector ILIA PRO T/R



11-3000016-01-01



#### ERHS0712-PRO

The transmitter / receiver system ILIA PRO T/R is particularly suited for indoor smoke and fire detection in extremely dusty environments. Thanks to the linear design with transmitter and receiver, it may be used wherever structural situations prevent the installation of conventional point detectors or where the latter can no longer guarantee optimal protection.

Operating voltage:	9,6 VDC - 32 VDC
Power consumption:	mA
Protection class detector:	IP65
Operating temperature:	-20°C to +65°C
Operating Distance:	10 - 200 m
Weight of basic version:	770 g
Dimensions (HxWxD):	162 x 145 x 193 mm
Color:	black blue (RAL 5004)

#### Approvals

VdS-Approval:	G 209195
Declaration of Performance (DoP):	0786-CPR-20925

#### Control unit for 2 ILIA PRO



11-3000017-01-01



#### CSRLS-PRO

Control unit for 2 x ILIA PRO T/R systems for stub connection, in extremely dusty environments. All adjustment, testing and maintenance work can be simply and reliably performed on the easily accessible control unit. The control unit CSRLS-PRO is design for extremely dusty environments

Operating voltage:	9,6 to 32 VDC
Protection class:	IP65
Operating temperature:	-20°C to + 65°C
Weight of basic version:	375g
Dimensions (HxWxD):	145 x 177 x 68 mm
Color:	black blue (RAL 5004)

#### Approvals

VdS-Approval:	G 209195
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**CLI-PRO****11-3000018-01-01**

Control Unit for 8 ILIA-PRO detectors as stub or ring connection.

Optional:

- Relay card CM-IB: General alarm, General fault, General maintenance, detail info for detector 1 to 2 (alarm, fault)
- Relay card CM-IE: detail info for detector 3 to 8 (alarm, fault)
- XLM 35 to connect the CLI direct to SecuriFire. The XLM35 VdS certification is in preparation.

Operating Voltage:	24VDC
Protection class:	IP 65
Operating temperature:	-20°C to + 65°C
Weight of basic version:	2400g
Dimensions (HxWxD):	426 x 320 x 150 mm
Color:	grey / jet black (RAL 9005)

**Approvals**


VdS-Approval:	G 209195
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# Beam Detector ILIA



## 4.3. Accessories for ILIA

### Accessories and Spare Parts for ILIA


#### Replacement parts for Ilia

	Replacement base for ILIA, without print.	SM17	11-3000043-01-01
	Electronic print for ILIA spare base SM17.	SSMP-C	11-3000045-01-01

#### Replacement parts for CLI

	Replacement mainboard to CLI, CPU	CPU	11-3000041-01-01
	Replacement mainboard to CLI-PRO, CPU-PRO	CPU-PRO	11-3000042-01-01

#### Mounting accessories

	Protective basket for ILIA	GDP	11-3000028-01-01
	Adjustable wall/ceiling holder for ILIA T/R	SACA-G	11-3000025-01-01

#### Test equipment

	Test filter to Beam Smoke Det.	STF4	11-3000039-01-01
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### Protective Housing for ILIA VdS



**SOHI** **11-3000026-01-01**

Protective case for extremely dusty environments.  
 Additional security for permanent acid concentrations in the air or aggressive dust concentrations  
 Protection against misalignment during cleaning and Disinfection

Protection class:	IP65
Operating temperature:	
Weight of basic version:	2100g
Dimensions (HxWxD):	303 x 303 x 260 mm

Accessories		
Pane for protective housing SOHI	FAPO	11-3000027-01-01

### Air shield for ILIA SOHI



**ASIS** **11-3000049-01-02**

SOHI can be expanded for dusty environment with the air shield to avoid dust deposit in front of the SOHI pane.