

FENCE ELECTRIFICATION



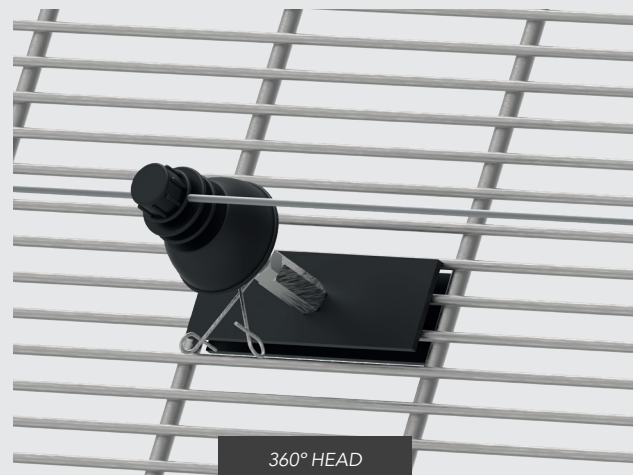
SI-LOCK

ANTI-THEFT FENCE PANEL SYSTEM



PERFORMANCE FEATURES

- **Reliable and** non-detachable solution
- **Combined detection and repulsion**
- **360° patented** technology
- **Quick and easy** installation



RELIABLE AND NON-DETACHABLE SOLUTION

- **Detection of all attempts at thefts or malicious acts** on a fence panel
- **Optimal solution that combines two functions:**
 - **detection:** alarm triggered by touch, short-circuit and cutting
 - **repulsion:** intruders repelled by electric shock
- **Cannot be dismantled** from outside the site thanks to the 360° head fixed to the centre of the panel that detects all movements
- **No risk to public rights of way** thanks to an installation 12cm from the perimeter fence
- **Unaffected by weather conditions** (strong wind, rain, snow, cold, etc): very low unwanted alarm rate

REPULSION CONFIGURATION

- Choice of intensity of shock depending on the site: **between 2.3 and 3.5 J**
- **Activation or deactivation of repulsion:**
 - detection / repulsion mode: **high voltage between 5500 and 7500 V**
 - option détection basse tension (24V)
- **Operating mode control**
 - detection and repulsion: high voltage mode when site is closed
 - low voltage detection when site is open to the public (no repulsion)

QUICK AND EASY INSTALLATION

- **Installation on all fence types**
- **Only 1 360° head** per fence panel
- **1 taut wire for the entire perimeter** to be protected
- **No building works** to install the system: installed directly on existing fence to be protected
- **800 m of protection** for one electrification unit
- **Option to divide into one or two** electrification zones



360° head in neutral position



360° head in alarm position

PATENTED AND CERTIFIED SYSTEM

- **SILUR system patent:** N° 18176459.8 - 1206
- **Compliant with laws and decrees on electrification:**
 - decree 96 216 of 14 March 1996
 - standard NF EN 60 335-2-76
- **APAVE Certified system**
- **Approved by various ministries** (justice, interior, defence)

HIGH PERFORMANCE DETECTION

- **Detection based on 360 Technology:** patented detection innovation by addition of a taut wire on a 360° head: any attempt to dismantle or remove the fence panel or cut the wire will be detected
- **Protection guaranteed:**
 - by mechanical action on a cable fitted with a 360° head
 - in case of wire being cut

MAXIBUS UNIVERSAL COMPATIBLE VIA MI8

OPTIMISED ALARM MANAGEMENT...

- **Centralisation of all system alarms** in a single point
- **Remote access to products:** configuration and maintenance
- **Embedded web server**
- **Time and date stamped history** of alarm events

...DESIGNED FOR SIMPLIFIED INTEGRATION ON ALL YOUR SITES

- **Integration with VMS**
- **Easy integration:** API available
- **Secure** data transmission: **802.1X**, TLS...
- **Various alarm transmission protocols:** ModBus, API
- **Dry contact:** up to 136 relays

TECHNICAL CHARACTERISTICS

	SI-LOCK
Detection technology	360 technology: mechanical detection of pressure on 1 wire
Number of wires and detection heads	1 wire and 1 detection head
Patent	SILUR system patent: No. 18176459.8 - 1206
Compliance with laws and decrees on electrification	Compliant with decree 96 216 of 14 March 1996 and standard NF EN 60 335-2-76
Certifications	APAVE certification and approval of various ministries (justice, interior, defence)

	SI-BOX MANAGEMENT CENTRE	
	SI-BOX-1Z	SI-BOX-1Z
Length of perimeter secured	800 m	
Repulsion voltage	5500 V to 7500 V (depending on the number of fence panels installed)	
Low voltage option	24 V	
Consumption	Maximum 60 W	
Shock delivered	2.3 J	3.5 J
Electrification zones	1 zone	2 zones
Power	230 Vac	
Alarm output	Dry contacts	
MAXIBUS Universel compatibility	Via MI8 to integration with VMS	

* compulsory for optimal security