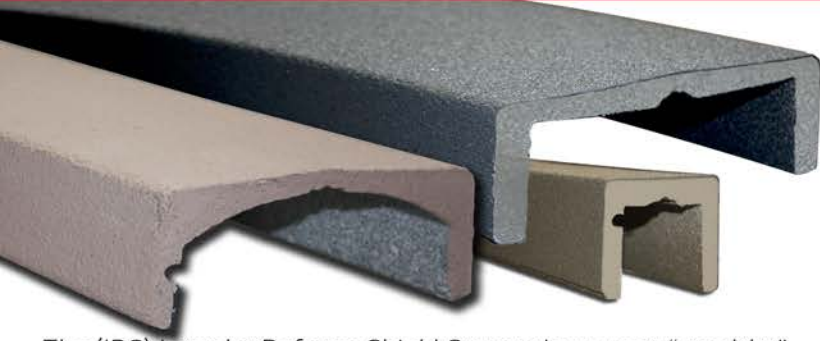


SECURITY/PERIMETER WALL PROTECTION SYSTEMS

INTRUDER DEFENSE SHIELD™

ELIMINATE FALSE PERIMETER ALARMS

**IMPROVED
PERIMETER
PROTECTION**
No False Alarms



The (IDS) Intruder Defense Shield System is a smart “stealthy” perimeter intrusion detection product that combines electrical technology with recycled EPS foam, custom color UV protected armor coating and an intelligent system controller that tracks intrusions 24/7. The IDS eliminates false alarms and immediately notifies security personnel of a breach - with point intrusion technology. The IDS is designed for block walls, wrought iron fences, and gate entrances - installation does not require permitting, variances or easements. We provide intrusion detection with NO FALSE ALARMS.

WROUGHT IRON/
ALUMINUM
FENCE CAP



WROUGHT IRON/
ALUMINUM
FENCE CAP
w/ fiber option



MUD CAP STYLE



MUD CAP STYLE
w/ fiber cut option



FLAT CAP STYLE



FLAT CAP STYLE
w/ fiber cut option



PARAPET CAP STYLE



PARAPET CAP STYLE
w/ fiber run option

Our new fiber option run allows for data run inside the armed cap - delivering connectivity throughout the entire perimeter

COMMUNICATION FUNCTIONS:

An intrusion activates a signal to security personnel, management team, police or the homeowner via ethernet connection, Wi-Fi, cell modem or microwave systems.

WARNING FUNCTIONS:

Upon an intrusion, the HS controller sends a timed response that can immediately activate, up to four events. Our HS controller hands off a dry contact to your existing alarm panel to activate:

- Security Flood Lighting
- Horns
- Sirens
- Alarms

Alarms and security lighting can be timed devices that notify the site personnel residents of an intrusion and can be timed to turn off automatically.

OTHER ACTIVATIONS:

The IDS Controller notification can activate existing cameras to start recording an intrusion in a specific zone.

ELECTRICAL:

The HS Controller is tamper-proof, with an “always on” function, an internal battery & charging system maintains operation up to 6 hours in case of loss of primary power.

Patent Pending Intruder Defense Shield (IDS)



INTRUDER DEFENSE SHIELD™

IMPROVED PERIMETER PROTECTION

MATERIAL SPECIFICATIONS

EPS Foam

Recycled EPS foam is used to construct the IDS wall caps to specific shapes required for wall/fence details. By conserving, and reusing, resources we are doing our part to ensure a brighter future for our environment.

EPS Foam Facts:

- EPS foam is recyclable
- EPS foam does not contain chlorofluorocarbon (CFC) hydrochlorofluorocarbon (HCFC) or formaldehyde.
- EPS foam does not contribute to the growth of mold or mildew
- In case of fire, EPS foam is no more toxic than Douglas Fir
- EPS foam is manufactured in accordance with ASTM C578

Polyurea Protective Coatings

Wall caps are coated with specially developed Allphatic-Polyurea Protective coating ultraviolet protected material. The coating is imbedded with customer specified colors which are selected to match wall,block and/or fence colors.

HS #UL KG8613 meets USDA criteria, zero VOC (100% solid) and has excellent thermal stability and low temperature flexibility.

Tensile Strength, ASTM D-412:..... 3300 +/- 300 psi
Hardness, ASTM D-2240:.....50+/-50
Tear, ASTM D-412:..... 400 +/-20 pIl
Service Temperature:.....40°F to 300°F
VOC Content:.....0 gm/lit

IDS Wall/Fence/Gate Caps

IDS caps are shipped in standard 40" pallet-sized pieces (custom-lengths are optional). The IDS product is furnished with weatherproof connectors to allow for easy installation with minimal tools.

Wall Cap Mastic

Mastic is used to adhere the wall cap sections to the block or concrete wall. The mastic is a heavy-duty, low solvent, high-strength construction adhesive which insures excellent adhesion and allows a longer working time.

Joining Wall Cap

The installation of the Intruder Defense Shield wall caps require that the gap between wall cap sections be no larger than 1/2" (127 cm). The opening should be filled with heavy-duty low solvent high-strength construction adhesive.

Electrical Inserts

The Intruder Defense Shield is imbedded with a specially designed electrical sensor system that transmits intrusion information to the IDS Controller. The unique design of the Intruder Defense Shield provides detection when activated by physical pressure in excess of 35 pounds. Small animals, birds, wind, rain or snow will not activate the Intruder Defense Shield, thus eliminating intrusive (and expensive) false alarms.

Operating Voltage: 32 Vdc/32 VAC max
Operating Current: 1 Amp
Dielectric Resistance:1000 Vdc
Electrical Resistance: 0.1 ohm/ft.
Operating Temperature:0° F to 125°F
Operating Life:5 million cycles
Moisture Rating:IP-67
Standards: UL and cUL Listed/recognized

Electrical Connectors

The Intruder Defense Shield system is provided with plug & receptacle connectors insuring ease of installation. The connectors are weatherproof and IP-67 rated.

Circuits: 2
Rating: IP-67
Listing: UL E29179
Material Resin: Polyester
Temperature Rating: 40°C to +105° C
Current: 3 amp max./contact

The Intruder Defense Shield is just one of the patented perimeter protection products proudly manufactured in the USA by HEIGHTENED-SECURITY INC. in Palm Desert, California, USA. For more information, and a list of our products, please visit our website at www.hs-usa.com.



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