

GARDIAN

Security has now another tower to stand on



6000



4498



4598



GARDIAN

Towers of security

6000 series



These days, it is becoming more and more important to protect the areas outside our homes and places of business, in order to guarantee peace of mind and security.

The old notion of protecting our property merely when we are absent has evolved over the years to include the need to defend against the risk of unwanted intruders, which is served by the use of perimeter protection systems. A further development can now be seen in the search to protect the areas closer to the home in order to have timely warning of possible imminent danger. Thanks to today's technology, we now have affordable and reliable systems and equipment capable of responding to these critical situations.

4498 series



Protection for outside property can be put into two groups: the first type signals that someone is approaching the house or building with the intention of entering, and the second type signals that someone is on the premises with unidentified intentions.

In the first case, the aim of close-range protection of the house is to give the alarm before damage is done to windows, doors or fixtures. This type of protection includes volumetric detectors for external areas, infrared beam barriers for gardens, terraces and balconies, and a variety of short-range infrared beam barriers for doors, windows and skylights.

In the second case, beam towers are used to conceal infrared beam barriers, providing effective protection right along the fencing and inside the garden, by signalling any intrusion and hence making it easier to act quickly and avoid the immediate risk of dangers.

GARDIAN beam towers are technically sound and built to a sturdy yet pleasing design, which easily adapts to external areas.

They offer the following advantages:

- Total concealment of the aiming height and number of barriers installed inside
- Accurate projection of infrared beams so that it is possible to install towers near trees, fences and natural obstacles
- Possibility of aiming optical units through wide angles both horizontally and vertically
- Accommodate various brands and models of infrared beam barriers
- Blend perfectly into the surroundings as garden lights (6000 series)
- Excellent resistance to atmospheric agents
- Built to resist condensation and possibility of adding heating elements
- Black screen transparent to infrared beams
- Available in standard heights of 1m, 1.5m, 2m, 2.5m and 3m
- Wide range of accessories for fixing to bases or walls
- Suitable for various active infrared beam barriers brands: Optex, Takex, Atsumi, etc.

4598 series



6000 series



Residential

6000 series Beam Towers

The cylindrical form of this beam tower and its fairly small diameter, mean that a security barrier and a garden lamp/lamppost can be combined into just one piece of equipment, which blends attractively into its surroundings. Infrared beam barriers can be installed inside, with optical units that can be directed through 180°, while the black screen, which is transparent to infrared beams, prevents identification of the exact direction of the optical units.



The sturdy anodized aluminium section and the screen in shockproof polycarbonate make for solid, hardwearing installations, which keep their characteristics even in harsh climactic conditions.

Towers must be fixed to the ground by optional bases secured to an easy-to-create cement foundation.

Available in standard heights of 1m, 1.5m, 2m, 2.5m and 3m to satisfy all requirements, both in terms of installation and exterior design.

Industrial

4498 series Beam Towers

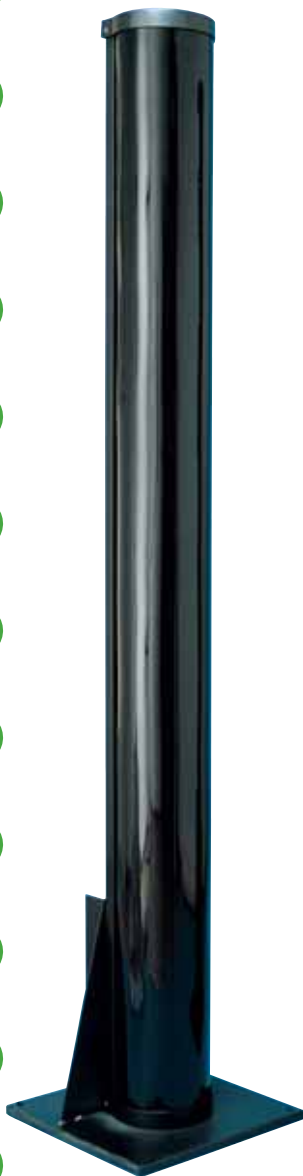
The semi-cylindrical shape of this tower means that infrared beam barriers installed inside can be directed through 180°, while the black screen that is transparent to infrared beams prevents identification of the exact number, height and direction of optical units.

The aluminium cover has ventilation slots to prevent the build up of condensation, specially designed to offset natural warping of the black screen at high temperatures.

Available in standard heights of 1m, 1.5m, 2m, 2.5m and 3m and may be custom-made to required heights.

As an accessory, a specially designed device 4498AC allows to detect any attempt on climbing over the 4498 series towers. It is fitted in place of the supplied top cover and is able to release an alarm when someone is leaning on the top with a weight exceeding 18 kg.

4498 series



4598 series



4598 series Beam Towers

The double-sided semi-cylindrical shape of this tower means that infrared beam barriers installed inside can be directed through 360°, while the black screen that is transparent to infrared beams prevents identification of the exact number, height and direction of optical units.

The aluminium cover has ventilation slots to prevent the build up of condensation, specially designed to offset natural warping of the black screen at high temperatures.

Available in standard heights of 1m, 1.5m, 2m, 2.5m and 3m and may be custom-made to required heights.

As an accessory, a specially designed device 4598AC allows to detect any attempt on climbing over the 4598 series towers. It is fitted in place of the supplied top cover and is able to release an alarm when someone is leaning on the top with a weight exceeding 18 kg.

Specifications

Series 6000

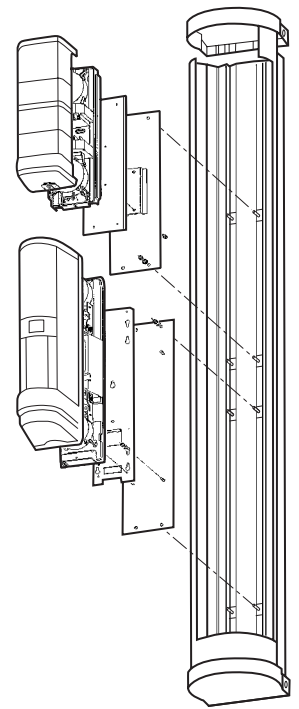
	6100	6150	6200	6250	6300
Material	black anodized aluminium extrusion				
Filter	black polycarbonate IR transparent				
Covers	polycarbonate				
Size (mm)					
Diameter	130				
Height	1015	1515	2015	2515	3015
Base	steel black painted 200 mm diameter, 3 holes 8.5 mm diameter				
Light fixture	optional (art. SL-6000), 60 mm diameter standard, compatible with most of the light fixtures available				
Protection grade	IP54				

Series 4498

	4498/1	4498/1.5	4498	4498/2.5	4498/3
Material	black painted aluminium extrusion				
Filter	black acrylic IR transparent				
Covers	aluminium casting				
Size (mm)					
Width	178				
Depth	156				
Height	1000	1500	2000	2500	3000
Base	black painted steel, mm 400x400x400				
Light fixture	no				
Protection grade	IP54				

Series 4598

	4598/1	4598/1.5	4598	4598/2.5	4598/3
Material	black painted aluminium extrusion				
Filter	black acrylic IR transparent				
Covers	aluminium casting				
Size (mm)					
Width	188				
Depth	330				
Height	1000	1500	2000	2500	3000
Base	black painted steel, mm 400x420x400				
Light fixture	no				
Protection grade	IP54				



4498 Series

How to order

6000 series Residential Beam Towers

Code	Model	Description
HE6100	6100	Cylindrical beam tower, height 1.00 m, with tamper switch
HE6150	6150	Cylindrical beam tower, height 1.50 m with tamper switch
HE6200	6200	Cylindrical beam tower, height 2.00 m with tamper switch
HE6250	6250	Cylindrical beam tower, height 2.50 m with tamper switch
HE6300	6300	Cylindrical beam tower, height 3.00 m with tamper switch
Accessories:		
HE60BC	BC-6000	Black painted steel base
HE6000H	H-6000	Heater and thermostat kit
HE60STR	STR-6000	Transformer 230/16VAC 40VA
HE60AOX	AP-OX/6000	Mounting plate for Optex AX-70TN/-130TN/-200TN/-100TF/-200TF, BX-100PLUS, Takex PB-30TK/-60TK/-100TK, PB-20TE/-40TE/-60TE, Atsumi NR30TS/-60TS/-90TS, NR30TM/-60TM/-90TM, NR30TD/-60TD/-90TD
HE60TX1	KTX1-6000	Mounting kit for Takex MW-50/-100
HE60TX2	KTX2-6000	Mounting kit for Takex PB-50F/-100F/-200F, PB-IN-50HF/-100HF/-200HF, PB-IN-100AT
HE60TF	TF-6000	Mounting plate for Optex series AX-350/-650TF
HE60MK3	MK3-6000P	Mounting plate for Optex series AX-350/-650DHMKIII
HE60SL	SL-6000	Lamp fixture base, with integrated 60mm diameter conduit
HE60G40	G400-6000	Clear polycarbonate light globe, 400 mm diameter
HE60G50	G500-6000	Clear polycarbonate light globe, 500 mm diameter
HE60BPP	BPP-6000	Diffuser large base, in black nylon with E27 lampholder
HE60BPA	BPA-6000	Diffuser large base, in black aluminium, with E27 lampholder
HE60FP	FP-6000	Wall mounting kit for 6000 towers
HE60AL	AL-6000	Power supply 230/24VAC-12VDC
HE60/18	6018	Transformer 230/18VAC 72VA for H-6000 heater
HE60/25	6025	Power supply 13.8VDC with 12V/2.5Ah battery pack



BC-6000 H-6000 STR-6000 AP-OX/6000 KTX1-6000



KTX2-6000 TF-6000 MK3-6000P SL-6000



G400-6000 G500-6000 BPP-6000 BPA-6000 FP-6000



AL-6000 6018 6025

4498 series Industrial Beam Towers

Code	Model	Description
HE44981	4498/1	Semi-cylindrical (180°), beam tower height 1.00 m
HE44985	4498/1.5	Semi-cylindrical (180°), beam tower height 1.50 m
HE4498	4498	Semi-cylindrical (180°), beam tower height 2.00 m
HE44987	4498/2.5	Semi-cylindrical (180°), beam tower height 2.50 m
HE44983	4498/3	Semi-cylindrical (180°), beam tower height 3.00 m
Accessories:		
HZF4498	BC-4498	Black painted steel base, complete with slide guides and screws
HE4498AC	4498AC	Anti-climb top pressure switch (18 kg)
HZS4400	SC-4400	Wall mounting plate for series 4498 towers
HEA44989	44989	Steel side bracket height m 1.90



BC-4498 4498AC 44989 SC-4400

4598 series Industrial Beam Towers

Code	Model	Description
HE45981	4598/1	Double-sided Semi-cylindrical (360°) beam tower, height 1.00 m
HE45985	4598/1.5	Double-sided Semi-cylindrical (360°) beam tower, height 1.50 m
HE4598	4598	Double-sided Semi-cylindrical (360°) beam tower, height 2.00 m
HE45987	4598/2.5	Double-sided Semi-cylindrical (360°) beam tower, height 2.50 m
HE45983	4598/3	Double-sided Semi-cylindrical (360°) beam tower, height 3.00 m
Accessories:		
HZF4598	BC-4598	Black painted steel base, complete with slide guides and screws
HE4598AC	4598AC	Anti-climb top pressure switch (18 kg)



BC-4598 4598AC

Accessories common to 4498/4598 Industrial Beam Towers

Code	Model	Description
HE4498A	4498A	Tamper kit for top cover for series 4498/4598 towers
HE4498T	4498T	Thermostat heating control kit 10A@250VAC
HE4498H	4498H	Heater unit, 56Ω 25W driven by 4498T
HE44AOX	AP-OX/4498	Mounting plate for Optex AX-70TN/-130TN/-200TN, AX-100TF/-200TF and BX-100PLUS, Takex PB-30TK/-60TK/-100TK, PB-20TE/-40TE/-60TE, Atsumi NR30TS/-60TS/-90TS, NR30TM/-60TM/-90TM, NR30TD/-60TD/-90TD
HE44TX1	KTX1	Mounting kit for Takex MW-50/-100
HE44TX2	KTX2	Mounting kit for Takex PB-50F/-100F/-200F, PB-IN-50HF/-100HF/-200HF, PB-IN-100AT
HEAXMK2	AX-MK2P	Mounting plate for Optex AX-350/-650TF and AX-250/-500PLUS
HEAXMK3	AX-MK3P	Mounting plate for Optex AX-350/-650DHMKIII
HE44/18	4418	Transformer 230/18VAC 72VA for 4498H internal heater
HE44/25	4425	Power supply 13.8VDC with 12V/2.5Ah battery pack



4498A 4498T 4498H AP-OX/4498 KTX1
KTX2 AX-MK2P AX-MK3P 4418 4425



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