

GARDIAN

Security
now has
another
tower
to stand on



4498



6000



GARDIAN

Towers of security



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.

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, beam 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





6000 series beam tower for residential use

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 anodised 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.

Compatible with the most common lampposts on the market and accommodates various brands of infrared beam barriers including the OPTEX'S WONDEREX series:

AX-70/-130T, AX-250/-500PLUS, AX-100/-200PLUS, AX-100/-200ALPHA, AX-350/-650DH-MKIII, BX-100PLUS.



4498 series beam tower for industrial use

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

The sturdy aluminium section means the tower can be fixed to walls or joined up to another beam tower to provide protection at 360°.

The aluminium cover has ventilation slots to prevent the build up of condensation and has been 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.

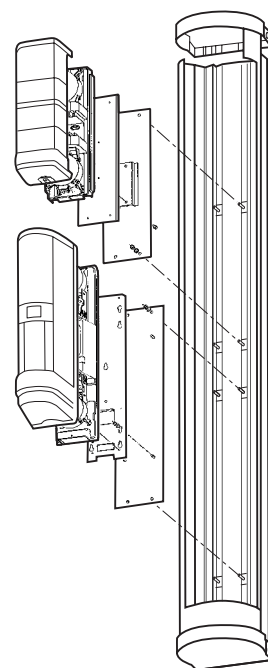
- Suitable for various brands of infrared beam barriers including
- OPTEX's WONDEREX series: AX-70/-130T, AX-250/-500PLUS,
- AX-100/-200PLUS, AX-100/-200ALPHA, AX-350/-650DH-MKIII.



Specifications

Series 6000	6100	6150	6200	6250	6300
Material	anodised aluminium extrusion				
Filter	black polycarbonate IR transparent				
Covers	polycarbonate				
Color	black				
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	painted aluminium extrusion				
Filter	black acrylic IR transparent				
Covers	aluminium casting				
Color	black				
Size (mm)					
Width	178				
Depth	156				
Height	1000	1500	2000	2500	3000
Base	steel black painted, mm 400x400x400				
Light fixture	no				
Protection grade	IP54				



series 4498

How to order

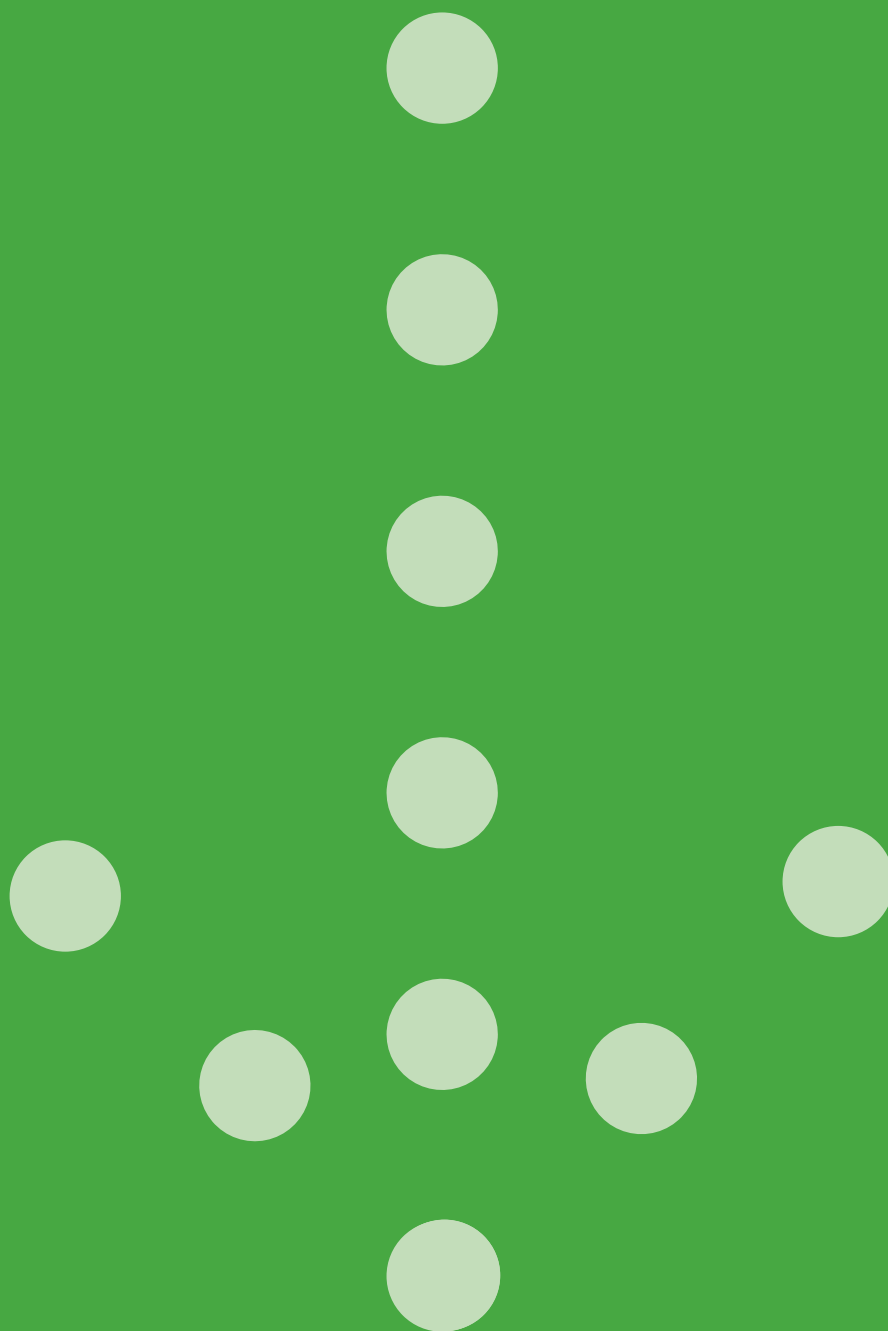
6000 series beam tower for residential use

Code	Article	Dimension
HE6100	6100	Cylindrical beam tower, height 1.00 m
HE6150	6150	Beam tower same as 6100, height 1.50 m
HE6200	6200	Beam tower same as 6100, height 2.00 m
HE6250	6250	Beam tower same as 6100, height 2.50 m
HE6300	6300	Beam tower same as 6100, height 3.00 m
Accessories:		
HE60BC	BC-6000	Steel base
HE6000H	H-6000	Heater and thermostat
HE60AXP	AX-6000P	Mounting plate for Optex series AX-70/-130T, AX-100/-200ALPHA, AX100/-200PLUS and BX-100PLUS infrared barriers
HE60MK3	MK3-6000P	Mounting plate for Optex series AX-350/-650DH-MKIII infrared barriers
HE60SL	SL-6000	Lamp fixture base

4498 series beam tower for industrial use

Code	Article	Dimension
HE44981	4498/1	Semi-cylindrical beam tower, height 1.00 m
HE44985	4498/1.5	Beam tower same as 4498/1, height 1.50 m
HE4498	4498	Beam tower same as 4498/1, height 2.00 m
HE44987	4498/2.5	Beam tower same as 4498/1, height 2.50 m
HE44983	4498/3	Beam tower same as 4498/1, height 3.00 m
Accessories:		
HE4498A	4498A	Tamper kit
HE4498T	4498T	Heating control kit
HE4498H	4498H	Heater controlled by 4498T
HE44/18	4418	Transformer 230/18VAC for heater
HEAXMK2	PIASTRA MK	Mounting plate for Optex series AX-350/-650MKII and AX-250/-500PLUS infrared barriers
HEAX12P	AX-12P	Mounting plate for Optex series AX-100/-200PLUS and AX-100/-200ALPHA infrared barriers
HEAXMK3	AX-MK3P	Mounting plate for Optex series AX-350/-650DH-MKIII infrared barriers
HZF4498	BC-4498	Steel base, complete with rails and screws
HZS4400	SC-4400	Wall mounting plate





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