

Atlas Ballast Masts or Patio Mounts

Ballast masts are structures designed for the installation of aerials, CCTV cameras, lighting or other equipment on roofs and other flat surfaces, without the need to interfere with the structure of the ground.

Their stability is ensured by appropriately selected ballast (usually concrete weight plates), which prevents the mast from toppling under the influence of wind or vibrations.

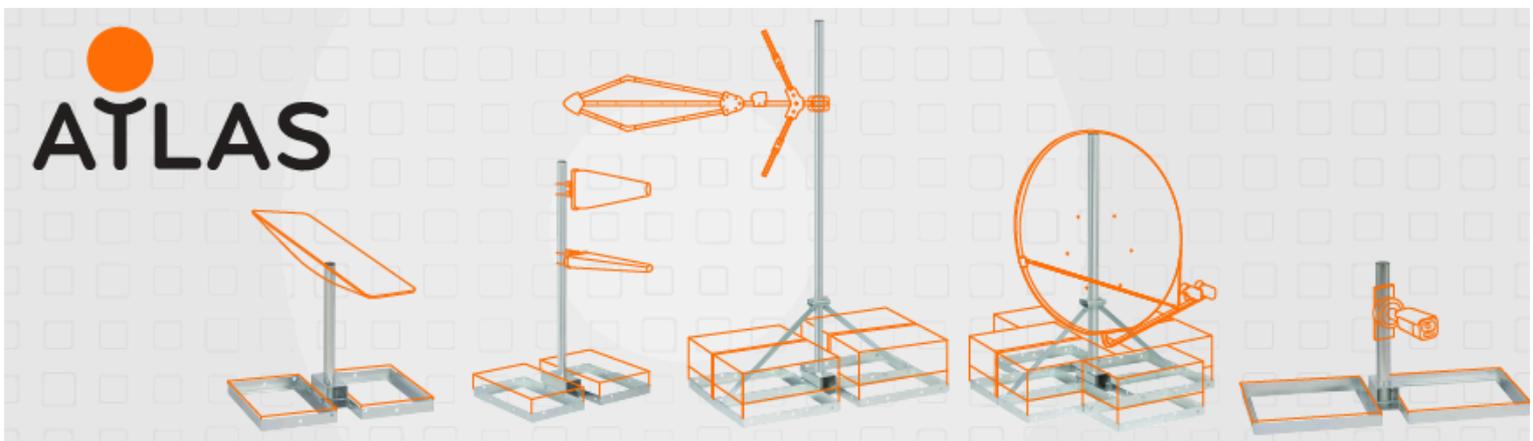
Ballast masts are widely used in temporary and permanent installations, particularly where permanent anchoring of the mast is not possible or where the integrity of the roofing is required.

A variety of mast heights are available as required and the ballast weight is selected to meet the safety requirements of the wind zone.

The size of the ballast frames / ballast has been selected so that they can be lifted onto the roof even through a small roof hatch.

We stock 5 models of ATLAS brand ballast masts, designed for various installation applications.

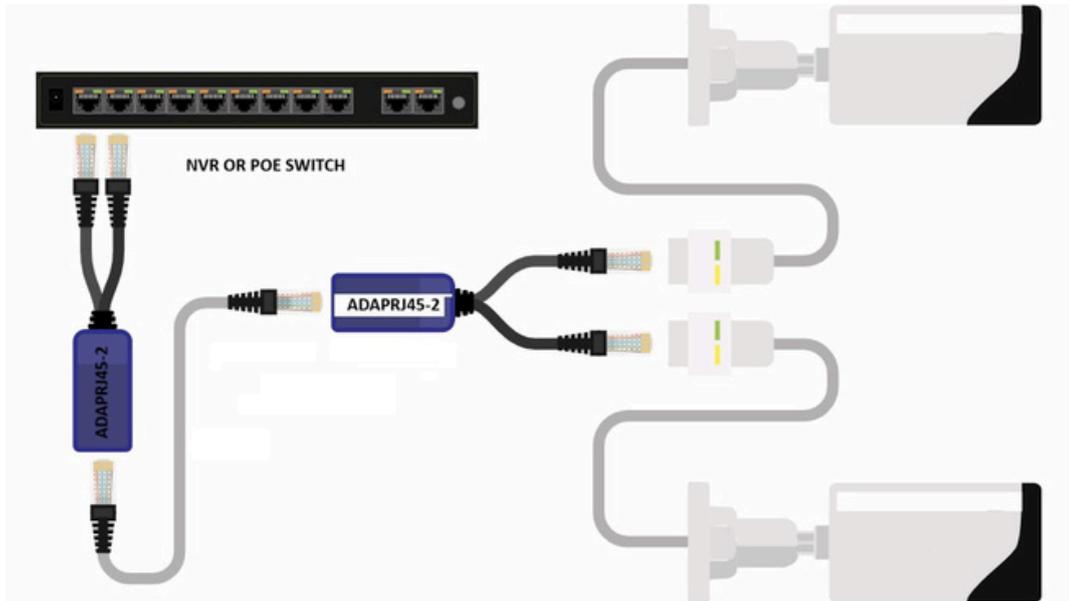
Each is characterised by different design features, such as height, load capacity, number of sections or installation method, allowing the solution to be tailored precisely to the individual user's needs.



Features and benefits of ballast masts:

- installation requiring no drilling or permanent fixing into the ground, thus protecting the building structure from damage or leakage.
- easy to install and remove - can be quickly relocated to another site.
- high stability due to ballast weight selected to match wind conditions and mast height
- can be used on flat roofs covered with roofing felt, membrane or gravel
- universality of applications - the mast can be used for mounting TV/SAT aerials, telecommunication devices, security cameras, lighting, etc.

Connecting 2 IP cameras with a single network cable



A standard Ethernet cable (category 5e or 6) consists of 4 pairs of wires (8 wires in total). Fast Ethernet (100 Mbps) transmission actually uses only two pairs, i.e. four of these eight wires. Data transmission takes place on cores 1,2,3,6. The remaining two pairs are unused. In emergency situations, the appropriate connection of the wires to the RJ-45 connectors will enable two devices to be connected. PoE power can also be provided on the same pins as the data (the camera must support 802.3af mode A).

A much simpler solution is using our ADAPRJ45-2 adapters, which allow the signal and power from two devices to be transmitted simultaneously over the same cable. The use of adapters ensures reliable connection and smooth functioning of the installation.



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