UPC-MBS-9U450 / PRODUCT SPECIFICATION

9U IP66 Pole-Mount Outdoor Rack Cabinet

A lockable 19-inch cabinet for network and CCTV equipment on outdoor poles. Rear cable entry routes incoming cables through a protected conduit connection.



9U
19-inch rack capacity

IP66
Enclosure protection

42 kg
Cabinet weight

Model specifications

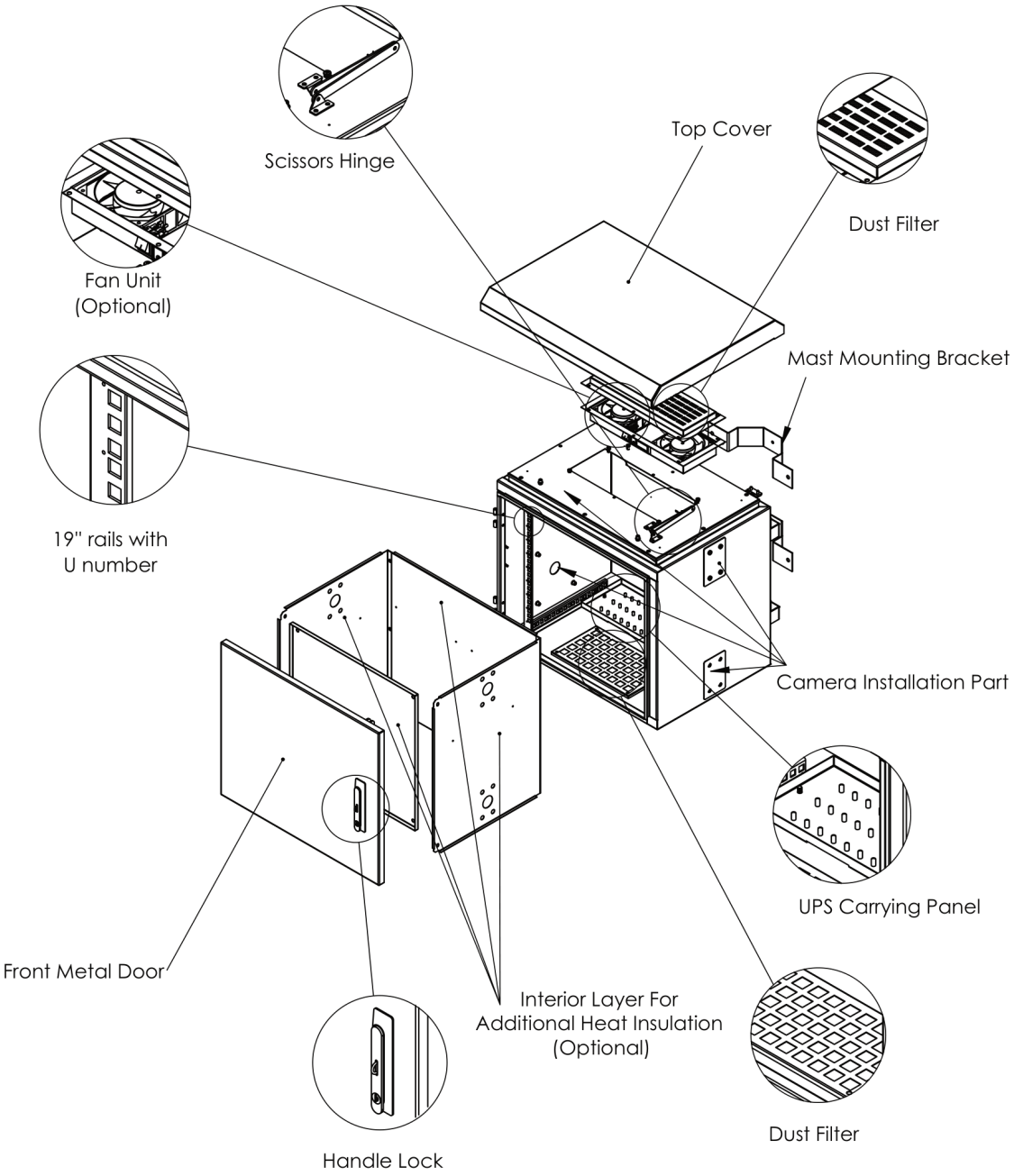
Order code	UPC-MBS-9U450
Nominal width × depth	600 × 450 mm
Internal reference height (h)	450 mm
Enclosure construction	1.5 mm steel outer shell
Finish	RAL 7035 light grey, electrostatic powder coating
Equipment load rating	300 kg (cabinet rating)
Cable entry	Rear conduit entry
Camera mounting	Four attachment points

Confirm the overall dimensions and bracket fit against the project drawing before installation. Pole and fixing capacity depends on the installation.

UPC-MBS-9U450 / CONSTRUCTION

Cabinet construction

The hinged roof gives access to the optional fan unit. The steel front door locks with a handle, and the rack rails carry U markings for equipment placement.



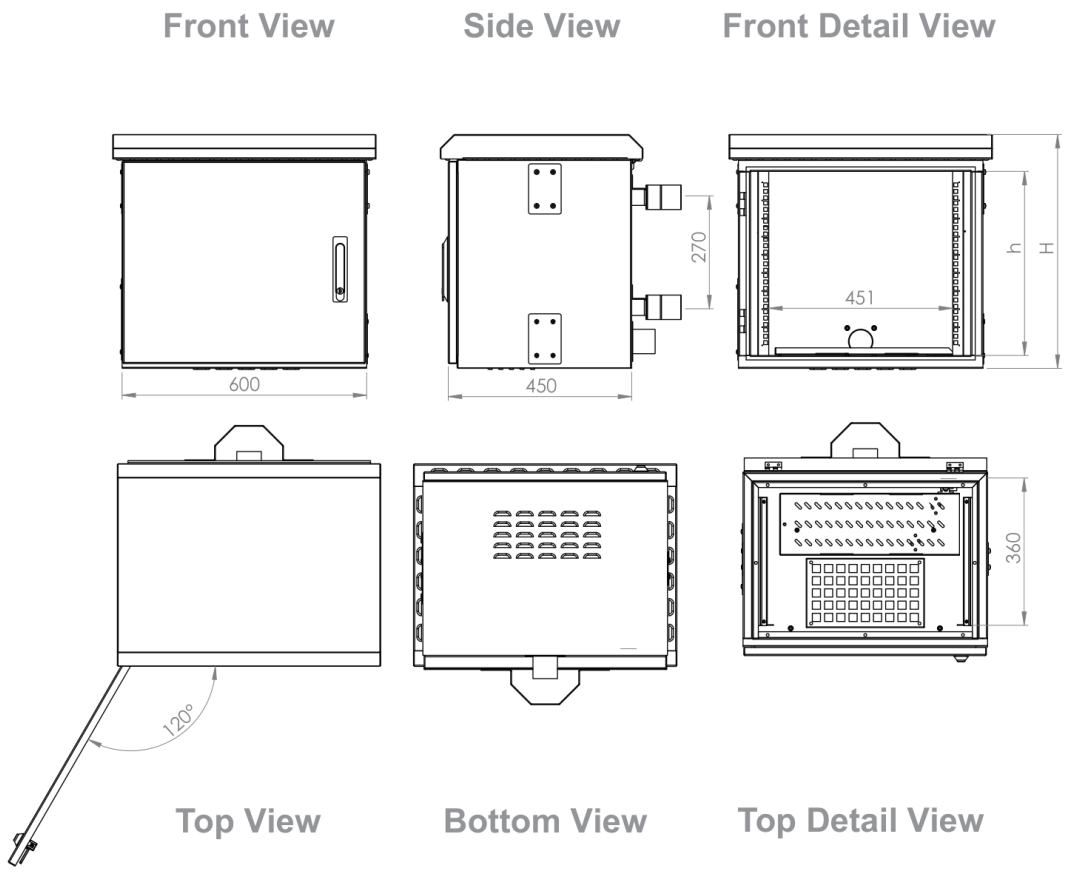
Cooling and lining options

A one- or two-fan module can be specified. An optional 1 mm galvanized steel inner liner provides a second skin. Specify both options when requesting a quotation.

UPC-MBS-9U450 / DIMENSIONS AND MOUNTING

Dimensions and pole mounting

Drawing dimensions are in millimetres. The six views show the enclosure, service access and rack profile. Use the approved mounting drawing for installation.





Rear pole brackets

The rear view shows the mounting brackets, conduit entry and an example camera installation. Cameras are shown for reference.

For the mounting arrangement, specify the pole diameter, equipment weight and site exposure.

Nominal envelope footprint	600 mm wide × 450 mm deep

UPC-MBS-9U450 / TECHNICAL REFERENCES

Protection, finish and testing

Technical references for the enclosure, its surface finish and the optional ventilation unit are listed below.

Enclosure protection

IP66 to EN 60529 (TS 3033 EN 60529).

Mechanical performance

TS EN IEC 61587-1:2022. The technical documentation cites sections 5.2.1 and 5.2.3 and static-load class SL06. Vibration and shock references are IEC 60068-2-6 and IEC 60068-2-27.

Environmental tests

C2 test conditions include cold exposure at −25 °C ±3 °C, dry heat at +70 °C ±2 °C and cyclic damp heat (IEC 60068-2-1, -2-2 and -2-30). These are test exposures. Industrial atmosphere category A2 references IEC 60068-2-42, -2-43 and -2-49.

Protective bonding

The reported protective-circuit resistance is below 0.1 Ω. References include EN 61587-1 and EN 61010-1.

Corrosion protection and finish

The outer shell receives a zirconium and zinc treatment before electrostatic powder coating in RAL 7035. The optional galvanized inner liner is specified separately.

Optional ventilation unit

The fan-unit documentation references TS EN 62368-1:2020, including AC:2020 and A11:2020. Specify the required fan configuration in the quotation.

Order and project enquiries

Quote UPC-MBS-9U450 with the quantity, destination, pole diameter, equipment list and required cooling configuration. Contact info@upcom.com.tr.