RACK CABINETS

Highway PLUS 19" Outdoor Rack Cabinet

New Design

New Packaging

DESCRIPTION

Highway PLUS Series outdoor enclosure, with front and rear doors, designed for installation in urban or interurban areas to protect lighting, signaling, fiber optic, and video surveillance equipment. Also suitable for telecommunications, telephony, IT, weather stations, and other applications requiring additional protection. It stands out for its high resistance to corrosion and wear, spacious interior with increased width and usable height, and water-repellent gaskets that ensure watertightness and thermal stability in extreme environments. It features natural convection ventilation, is constructed of steel sheet with polyester paint, and incorporates a high-strength vandal-resistant handle. Its interior design with a dual set of 19" profiles facilitates the installation of racks, shelves, or dividers. This rack cabinet includes double-sheet door insulation as standard.

APPLICATIONS

OPENETICS / ADALTRA

- Signage or lighting
- Weather stations
- Telecommunications (data, fiber optics, video surveillance)
- Dirty or polluted environments
- Acidic or saline environments (stainless steel models only)

Updated on: July 6, 2026

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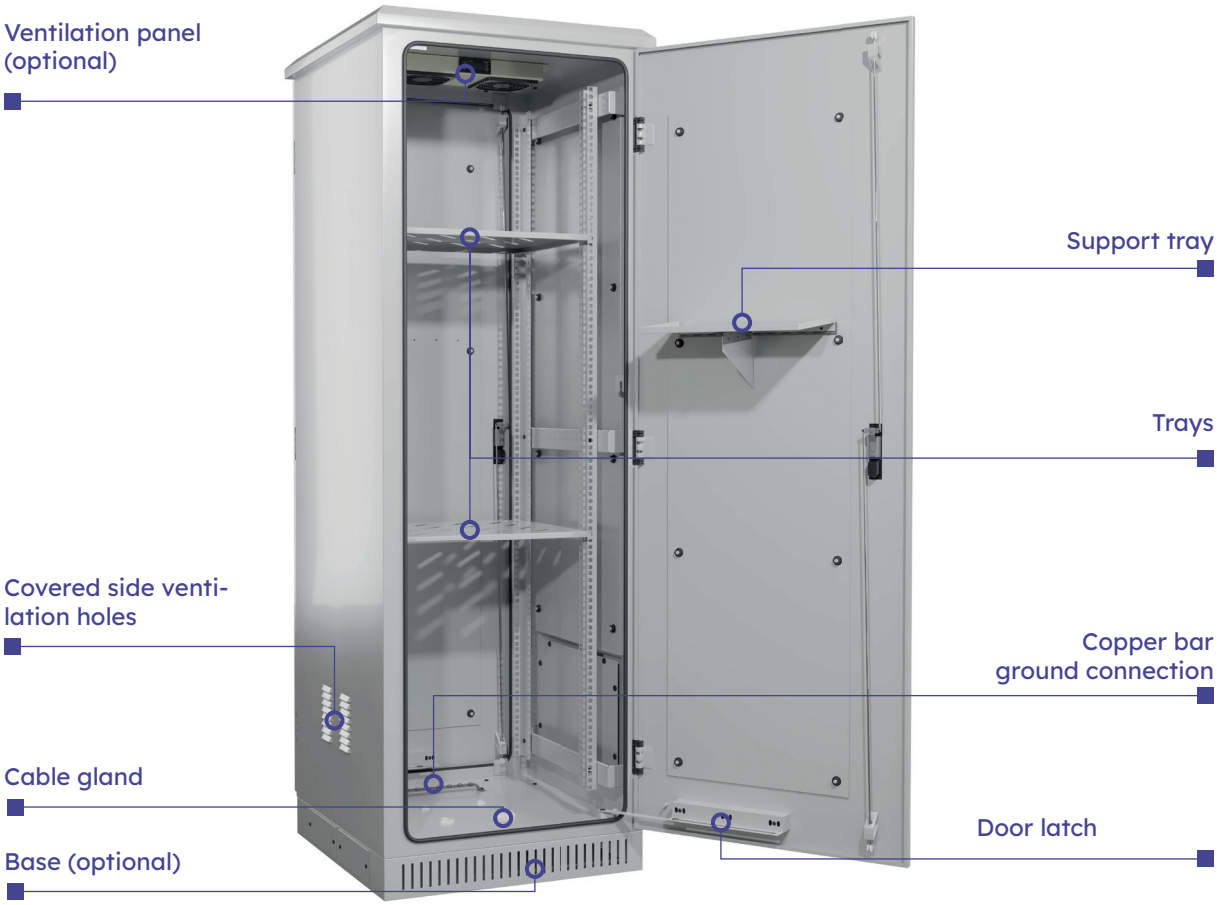
PHYSICAL CHARACTERISTICS

- Double-walled, thermally insulated front and rear doors with access from both sides.
- IP66-certified full protection with sealed openings.
- They come standard with a rain guard.
- Natural convection or forced ventilation with models 66IVAG/66IPVAI and 66IVAG-W/66IPVAI-W (IP55)
- Excellent mechanical properties and high torsional strength.
- Ample interior space.
- Water-repellent, elastic seal that remains watertight.
- Vandal-resistant handles that prevent forced opening.
- PC mounting tray on the inside of the front door.
- Door latch mechanism to prevent accidental closing.
- Dual set of 19-inch rails included as standard.
- Two 19-inch trays (depth: 350 mm).
- Ground busbar.
- Cable entry with cable glands to maintain IP66 rating.
- Air conditioning (optional).



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REGULATIONS

Rating for protection against dust and water	IP66 in accordance with EN 62208 and EN 60529
Impact resistance rating	IK10 in accordance with IEC 62208 and EN 50102
Outdoor mechanical structures and electronic equipment	EN 61969-3
Environmental resistance testing (humidity, salt spray)	IEC 60068-2-30 and IEC 60068-2-11
Compliance with the European Low Voltage Directive	EC 2006/95/EC
Resistance to impacts from sharp objects	EN 60439-5

TECHNICAL SPECIFICATIONS

Material	Galvanized steel / stainless steel
Ranking	IP66 - IK10
Color	RAL 7035 Epoxy-polyester
Maximum operating voltage	1000 V
Operating temperature range	-20 °C to +80 °C
Height	1,258 mm / 1,747 mm
Width	600 mm (640 mm with rain guard)
Depth	600 mm (640 mm with rain guard)
Frame height	24 U and 35 U
Weight	52 / 68 kg
Packaging unit	1

BUSINESS INFORMATION

REFERENCE	DESCRIPTION	MATERIAL	ITEM NO.	STOP	WIDTH	PROF.
2466IPAG	19-inch IP66 Cabinet, 24U	Steel galvanized	24 U	1258	640	640
3566IPAG	19-inch IP 66 Cabinet, 35U	Steel galvanized	35 U	1747	640	640
2466IPAI	19-inch IP 66 24U Cabinet	Steel stainless	24 U	1258	640	640
3566IPAI	19-inch IP66 Cabinet, 35U	Steel stainless	35 U	1747	640	640

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OPTIONAL ACCESSORIES

REFERENCE	DESCRIPTION	COMPATIBLE MODEL
66ZAG	100x600x600 mm base for Highway PLUS	Galvanized steel
66IVAG	Ventilation Panel for Highway PLUS	Galvanized steel
66IPAG-W	Smart Series Ventilation Panel for Highway PLUS	Galvanized steel
66CP	Smart Door Sensor	Galvanized steel / stainless steel
66ZAI	100x600x600 mm stainless steel base for Highway PLUS	Stainless steel
66IPVAI	Stainless steel ventilation panel for Highway PLUS	Stainless steel
66IPVAI-W	Smart Series Stainless Steel Ventilation Panel for Highway PLUS	Stainless steel

THERMAL MANAGEMENT ACCESSORIES

REFERENCE	DESCRIPTION	COMPATIBLE MODEL
27692	250 W, 230 V heating element	Galvanized steel / stainless steel
2761	600W / 230 MHz Air Conditioning Unit	Galvanized steel / stainless steel
2466IPAG-P	Die-cut door for 2466IPAG, designed for installation on 2761	Galvanized steel
3566IPAG-P	Die-cut door for 3566IPAG, designed for installation on 2761	Galvanized steel
2466IPAI-P	Die-cut door for 2466IPAI, designed for installation on 2761	Stainless steel
3566IPAI-P	Die-cut door for 3566IPAI, designed for mounting on 2761	Stainless steel

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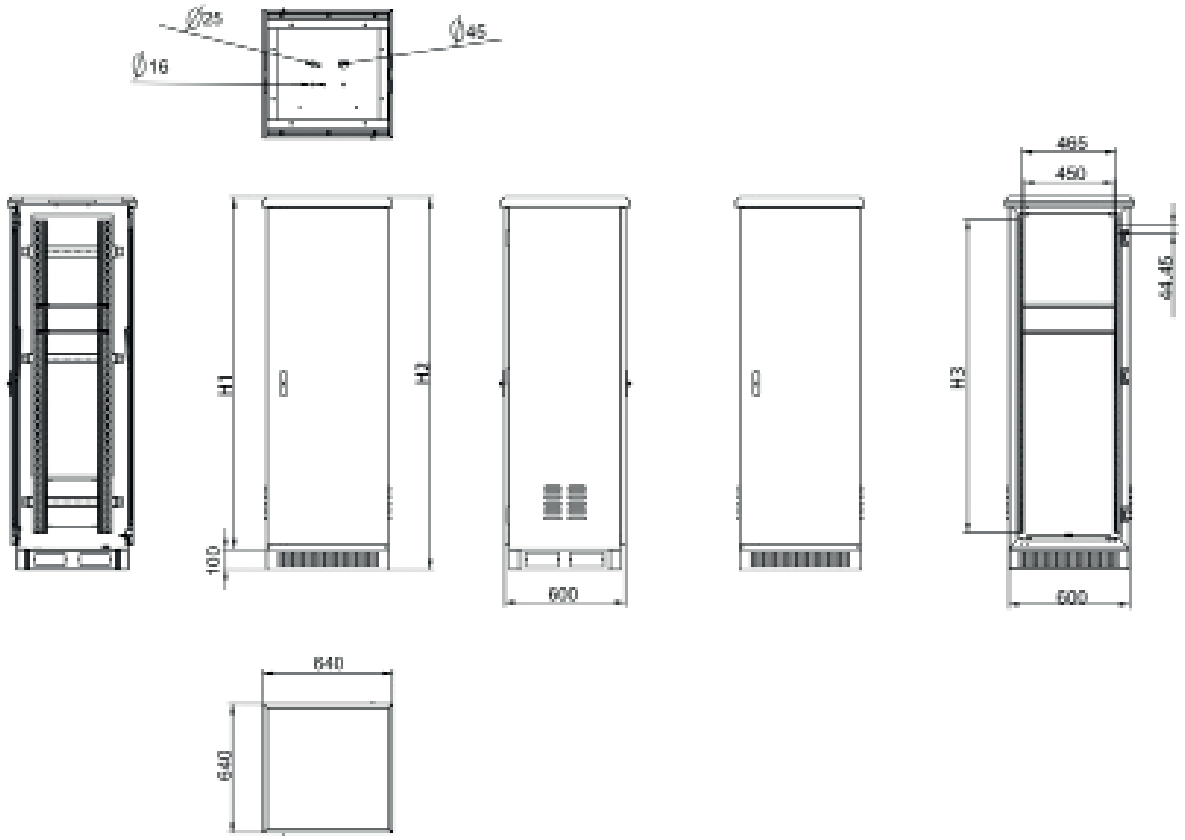
MEASUREMENTS



INSTALLATION RECOMMENDATIONS

- Always connect the cabinet and its doors to a protective ground connection.
- Do not install in flood-prone areas. If necessary, mount the unit on a raised concrete base.
- For acidic, alkaline, or saline environments, or in coastal areas, install only the INOX series.
- Whenever possible, install facing north (N) or south (S).
- Always use watertight cable glands for cable entries and exits.

THERMAL MANAGEMENT RECOMMENDATIONS

Proper thermal management is essential to ensure the durability and proper functioning of installed equipment. A closed cabinet without ventilation can easily exceed 70 °C, which is why it incorporates slots that facilitate heat dissipation through convection. To optimize thermal control, it is necessary to know the thermal load of the equipment and minimize solar radiation. Requirements vary depending on the contents: cabinets with passive components (copper or fiber optic cabling) require less control than those with active equipment, which generates heat and requires a more stable temperature range.

- In environments with extreme temperatures or where high thermal insulation is required, it can be supplied with thermal insulation (Ref. 2761).
- In very cold areas, it is possible to install thermostat-controlled heating elements.
- For electronic equipment that is particularly sensitive to heat, it may be necessary to equip the cabinet with climate control systems.

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