RACKS & CABINETS

Outdoor Wall/Pole-Mount Cabinet

19-INCH · OUTDOOR · IP55 · WALL OR POLE MOUNT

FAMILY **F81 · 1 PART NUMBERS**

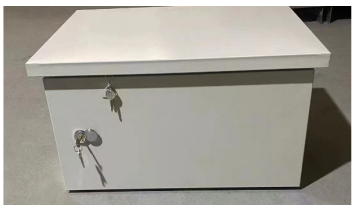
SHOWN: CX-WM-09U-600-600-OD-IP55



IP55 enclosure
Dust and water-jet protected

Thermostat-controlled fans
2 × fans in fan plate

Wall or pole mount
Pole-mount kit included



Production sample — outdoor cabinet, factory photo

9U	45 kg	600×600×501	IP55
RACK UNITS (19-INCH)	STATIC LOAD CAPACITY	W × D × H (MM)	INGRESS PROTECTION (IEC 60529)

OVERVIEW

Weather-protected 19-inch cabinet for outdoor and semi-outdoor network nodes. The IP55 steel enclosure has a rain-shedding roof, a sealed lockable door and thermostat-controlled fans, and installs on a wall or pole with the included pole-mount kit.

- IP55 protection against dust and water jets
- Rain-shedding roof and sealed lockable door
- 2 fans with thermostat control
- Wall or pole installation — pole kit included
- 8-way metal PDU, shelf and grounding wire included

APPLICATIONS

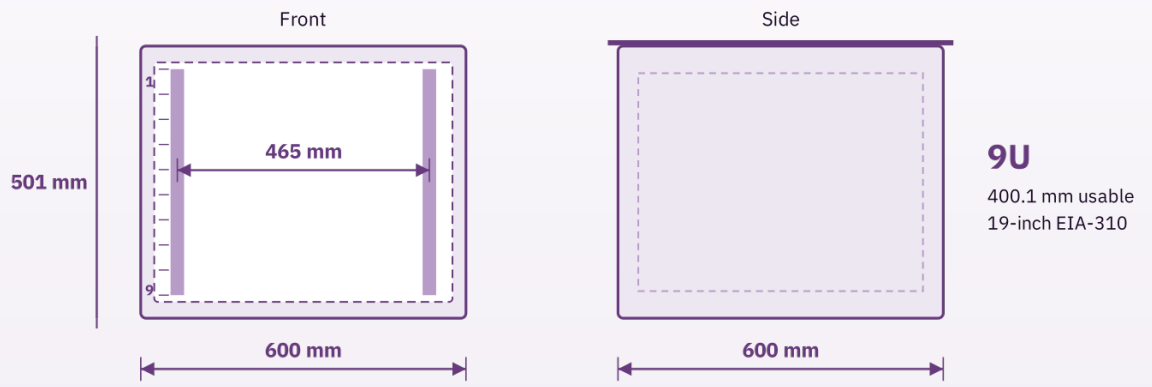
- CCTV and ITS roadside nodes
- Outdoor Wi-Fi and FTTx access points
- Campus, industrial and site-perimeter networks

STANDARDS & COMPLIANCE

EIA-310 · IEC 60297 · IEC 60529 · CE · RoHS

Common Specifications

Values shared by all 1 part numbers in this family · variant-specific values on the following page



OUTLINE DIMENSIONS & 19-INCH MOUNTING (MM) — SHOWN FOR CX-WM-09U-600-600-OD-IP55

GENERAL

Rack units	**9U (19-inch)**
Mounting standard	**19-inch (482.6 mm) equipment, EIA-310 hole pattern**

CONSTRUCTION

Material	**SPCC cold-rolled steel**
Steel thickness	**Mounting profiles 1.5 mm; other panels 1.0 mm**
Front door	**Sealed steel door, round cylinder lock**
Installation	**Wall-mount or pole-mount (pole kit included)**
Roof	**Rain-shedding overhang roof**
Finish	**Powder coated**
Color	**Light grey**

MECHANICAL

Static load capacity	**45 kg (evenly distributed, installed)**
Equipment mounting	**Square-hole rails with M6 cage nuts**
Lock	**Round cylinder lock, keys supplied**

ENVIRONMENTAL

Ingress protection	**IP55 (IEC 60529)**
Environment	**Outdoor — wall or pole installation**

DIMENSIONS

External size (W × D × H)	**600 × 600 × 501 mm**
Width	**600 mm**
Depth	**600 mm**
Height	**501 mm**
Usable mounting height	**9 × 44.45 mm = 400.1 mm**

POWER & COOLING

Cooling	**2 × cooling fans (fan plate), thermostat-controlled**
PDU	**1 × 8-way metal PDU, universal sockets, UK plug**
Thermostat	**1 × thermostat for automatic fan control**

SUPPLIED ACCESSORIES

Included	**1 × equipment shelf · 1 × 8-way PDU · 2 × cooling fans · 1 × thermostat · 1 × grounding wire · Pole-mount accessory kit**

PACKAGING

Net / gross weight	**approx. 20 kg / 22 kg**
Packing	**630 × 640 × 530 mm (shipped assembled)**
Units per package	**1 cabinet**

Ordering Information

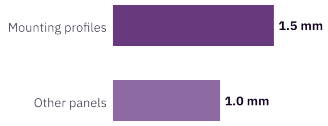
1 part numbers · individual datasheets available for every part number

Part number	Description	Rack units	Size (W × D × H)	Static load	Front door
CX-WM-09U-600-600-OD-IP55	9U Outdoor Wall/Pole-Mount Cabinet, 600 × 600 mm, IP55	9U	600 × 600 × 501 mm	45 kg	Sealed steel

Performance

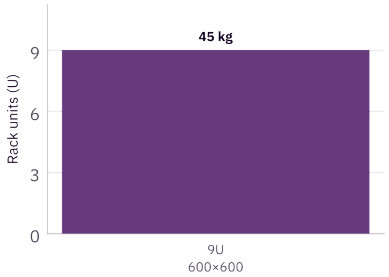
Shown for CX-WM-09U-600-600-OD-IP55

SPCC STEEL THICKNESS



Cold-rolled steel, powder-coated finish.

RANGE OVERVIEW — SIZE & LOAD



Bar = rack units; label = static load. Highlighted: this product.

SUPPLIED WITH EVERY CABINET

- 1 × equipment shelf
- 1 × 8-way PDU
- 2 × cooling fans
- 1 × thermostat
- 1 × grounding wire
- Pole-mount accessory kit

FINAL QUALITY INSPECTION

QUALITY INSPECTED

Inspection item	Requirement
Dimensions & 19-inch rail pitch	Per drawing · 465 mm hole centres
Powder-coat finish & color	Uniform coverage, no defects
Doors, hinges & locks	Smooth operation, keys supplied
Door sealing	Gasket continuous, IP55 design
Earthing	Earth points on frame and doors
Fans & PDU	Functional check
Accessories & packing	Complete per packing list

Every cabinet passes final dimensional, finish and function inspection before packing; each carton carries the CORNIX part number and QR label.

Request a quote or technical support

Datasheets, test reports and samples available on request

rfq@cornixglobal.com
sales@cornixglobal.com
cornixglobal.com

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