# SERVER RACK

## G4 SERIES

**19"GERMANY**
EXPORT RACK

## FEATURES

◇ **Designed and Manufactured** To comply Standards of ANSI/EIA-310D-1992 (Rev.EIA-310C), IEC60297-1, IEC60297-2, BS5954 Part:2, DIN 41494, 19" Standard.

◇ **Modular Knock Down** Easy to assembly, transportation.

◇ **Manufactured**
  - Made from 1.5mm Electro-Galvanized Steel Sheet.
  - Mounting Pole, Frame structure and Base made from 2.0mm Electro-Galvanized Steel Sheet.
  - Castor Base Stand made from 3.0mm steel.
  - 100% rust proof.

◇ **Structure** It was mounted by wedge lock to increase strength.

◇ **Mounting Pole** Designed to be C-shape angle with 10x10mm square punching hole to increase strength and flexible to adjust freely with screened Rack unit (U) on the mounting pole.

◇ **Front Door** is the steel frame with Acrylic 5.0 mm. thickness with film protection and the width of acrylic is 38 cm. (the height is being influenced by the size of the rack) which is perforated tetragon surounding the acrylic (same as honney comb). Door edge is bore with gray dust-proof rubber seal (3 fins). Security locks with 19" Germany Master Key.

◇ **Rear Door** is the steel door with perforated tetragon ventilation 50% of door's area (same as honney comb) to prevent the heat accumulation inside the cabinet to extend the life of all network equipments and servers. Door edge is bore with gray dust-proof rubber seal (3 fins). Security locks with 19" Germany Master Key which is the same set as the front door.

◇ **Hinge** Made from 3 pieces of special high strength (ABS) or other materials (asrequested), without disturbance noise and rust-free. The front and rear door can reverse to change the opening direction from the left or right side by adjusting screw at the nut of hinge.

◇ **Side Panels** Was the steel frame with security lock and master key same as the front door set and provided 19" Germany slide latch on the top part for easy removable. The inside is 70 mm width vertical frame (Excluding for 15U Rack) for more strength.

◇ **Roof Cover** Can be mounted the 4" fan sets, up to 6 fans maximum mounted for ventilation and able to change to vented raised roof cover in optional.

◇ **Base** It's same dimension as the cabinet for full weight support. The bottom are 3 parts plinth and slide shutter with gray sponge for cable access and protect animal creep into the cabinet, can be mounted the ventilating fan.

◇ **Pedestal** Up and down adjustable stand with castor base. The 4 pedestal's base with 180° freely tilt to suit the slope floor and made from Black ABS to protect the electrostatic and leaking electricity.

◇ **Castor** Made from 50mm diameter of Black Nylon 6, swiveling at 360° and convenience to move, support the static load with 150kg/castor.

◇ **New Shine Light Gray** Two-tone color painted by Electrostatic powder coat system with international standards ASTM.

◇ **Grounding System** 2.5mm copper wire with yellow and green color stripe which connect between all removable part of rack.

◇ **Screw Set** Provided screws, captive nuts, plastic washer with nickel plating and M6 standard.

◇ **Static Load Rating** 1,200kg load, certified by KMUTT. The result shall be less than 3.0mm or 0.14%.

◇ **Manufacturing and Distribution** Certified by ISO 9001 : 2015

◇ **Index of Protection** IP 20.


**Ventilation Slot**


**Mounting Pole w/screen UH**


**Front Door w/logo**


**Security Cam Locks**


**Grounding system**
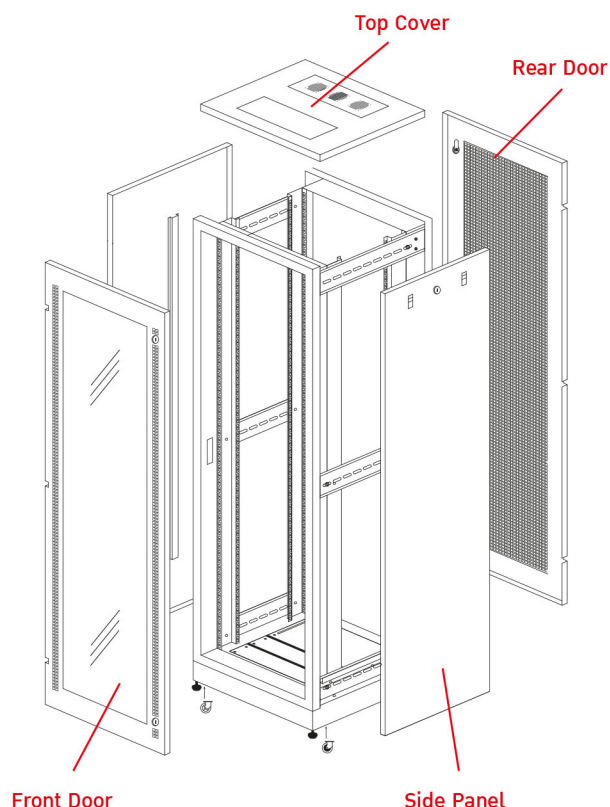

**Slide Latch w/logo**


**Pedestal**


**Caster w/logo**

# ORDERING INFORMATION

## W=Width 600 mm. Standard

| 1U = 44.45 mm. | Overall Height (mm.) | Order No. of Different Depth (mm.) | | | | |
|---|---|---|---|---|---|---|
| | | D = 600 | D = 800 | D = 900 | D = 1000 | D = 1100 |
| 15U | 850 | G4-60615 | G4-60815 | G4-60915 | G4-61015 | G4-61115 |
| 27U | 1390 | G4-60627 | G4-60827 | G4-60927 | G4-61027 | G4-61127 |
| 36U | 1790 | G4-60636 | G4-60836 | G4-60936 | G4-61036 | G4-61136 |
| 39U | 1850 | G4-60639 | G4-60839 | G4-60939 | G4-61039 | G4-61139 |
| 42U | 2050 | G4-60642 | G4-60842 | G4-60942 | G4-61042 | G4-61142 |
| 45U | 2185 | G4-60645 | G4-60845 | G4-60945 | G4-61045 | G4-61145 |

## W=Width 800 mm. Standard

| 1U = 44.45 mm. | Overall Height (mm.) | Order No. of Different Depth (mm.) | | | |
|---|---|---|---|---|---|
| | | D = 800 | D = 900 | D = 1000 | D = 1100 |
| 15U | 850 | G4-80815 | G4-80915 | G4-81015 | G4-81115 |
| 27U | 1390 | G4-80827 | G4-80927 | G4-81027 | G4-81127 |
| 36U | 1790 | G4-80836 | G4-80936 | G4-81036 | G4-81136 |
| 39U | 1850 | G4-80839 | G4-80939 | G4-81039 | G4-81139 |
| 42U | 2050 | G4-80842 | G4-80942 | G4-81042 | G4-81142 |
| 45U | 2185 | G4-80845 | G4-80945 | G4-81045 | G4-81145 |

\* Order No. for Black Color       G4-XXXXXB

Sample : G4-60642B   Server Rack 42U, 60 x 60 cm., Black Color

## Options

| | |
|---|---|
| Color | *Black or other |
| Width | 21 inch or 23 inch |
| Thickness | 1.6 mm or other |
| Door | Double door or Handle lock |

## Delivery with

- 3 Master keys with trademark and number on the keys.
- Set of nut and screw according to the size of rack.

## Drawing



Top View

Bottom View

Front View

Rear View

Top Cover

Rear Door

Front Door

Side Panel

ACYLIC