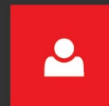
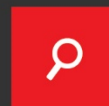


SYMETRIX

STANDARD DATA CENTER RACK CABINET



info@kepber.com



www.kepber.com



Data Center Rack systems

SYMETRIX

XR series, ZR series, FR series

For many years cabling standards have been corner stone of ensuring proper design, installation and performance of networks. Unfortunately data centers where designed in the absence of proper standards. TIA 942 Telecommunications Infrastructure standard for data centers is the first one specifically addressing data center infrastructure. TIA 942 specifies site space and layout with specific function areas, it specifies maximum backbone and horizontal cabling distances based on cabling media and application to be supported, Separate pathways for different media and power cables for better cable management and bend radius protection. Most significantly this standard specifies increase in air flow and reduction of heat generated by concentrated equipment.

The standard states the cabinets and rack should be arranged in alternate pattern to create " COLD " and " HOT " aisles, increase air flow, blocking unnecessary air escapes, use of open racks instead of cabinets when security is of no concern. Row based cooling brings the source of cooling close to proximity of load, reducing energy required to deliver cold air



Data Center Rack systems

SYMETRIX

XR series, ZR series, FR series



Data Center Rack systems

SYMETRIX

XR series, ZR series, FR series

rack designed to house all your network equipment comes with lockable doors for securing and on troling access to your network components. High-density mesh doors ensure optimum ventilation inside the enclosure. Split rear door design easily accommodates to any server room layout by minimizing the space required for access behind the cabinet.

Specifications

- Complies with ANSI/EIA RS-310-D, DIN41491: PART1, IEC297-2, DIN41494, GB/T304792, UL2416, UL60950-1 standards.
- Compatible with 19" /IEC60297-3, Metric standard and ETSI standard exquisite design with precision, dimensions and craftsmanship, black door with easy to read depth marking for adjustable.
- Vented front/rear door enable ventilation and reliable operation, contoured high density perforated door exceed 80% area.
- High-density mesh front and back doors provide outstanding ventilation to avoid overheating.
- Frame construction reinforced with steel, specially made to support heavy weights.
- 19" U numbers printed on rails frame and depth space can adjustable by customer.
- Access from front and rear doors, and side panel, The front door can revise right to left (special order).
- The front and rear door are opening angle 180 degree with lock.
- Support leg and wheel (material from ABS standard) make moving and installation easier, 4 heavy to move and adjustable to fix.
- Integrated cable management system inside and on top of the unit, holes on top and buttom for cable in/outside the unit.
- Accommodates any EIA-310E, IEC-60297-1,2 standard 19" rackmountable equipment.
- 25 mm. depth adjustment for customizing your installation.
- Finished surface to prevent damage caused by rust and other external factors.
- High-quality cold steel sheet(electro galvanize). Thickness: corner edge 2.2 mm, all other áreas 1.4 to 1.7 mm.
- Bearing capability static load 1,200 kg and dynamic load 800 kg.
- Knock down design for efficient shipping and quick assembly

Actual thickness

Virtual mounting rails	Mounting beam	Frame	Front door	Rear door	Side panel
2.2	1.7	1.7	1.4	1.4	1.0



SYMETRIX

XR series, ZR series, FR series

www.kepber.com

Technical data for model 42U for XR,ZR,FR series

Description	800 series	1100 series	1200 series
Function,sizing of depth	800	1100	1200
Overall heigh of rack without casters, mm.	1966	1966	1966
Overall heigh of rack with casters, mm	2050	2050	2050
Overall depth, door to door, mm.	890	1190	1290
Overall depth, frame to frame, mm.	800	1100	1200
Netweight, kg.	104	110	115
Maximum mounthing depth, mm.	690	990	1090

Availiable for model 27U, 36U, 45U or under requirement.



XR series



ZR series



FR series



Designed and Munufactured under ISO 9001:2008, ISO 14001

The standard structure, a door, left, right, top and bottom panel used in the process of painting and baking powder coatings.

This standard unit size mean 600x800, 600x1000, 600x1200 and 800x800, 800x1000, 800x1200 mm.

Available for size 600x900, 600x1070 or 600x1100 and 800x900, 800x1070 or 800 x 1100 mm (by special made).**

Standard packing : Unit frame, Front door, 2xRear door, 2xSide panel, Top panel, Buttom panel, 4 casters and Standard handle lock.

Ground cable connecting for structure panel (front door, rear door, left panel, right panel, top panel and bottom panel).

Option Accessories : 6,12, 20 outlet of PDU, Slide shelf, FIX shelf, 2x heavy duty fan (or 4x heavy duty fan), or Cable management and Bank panel

Special accessories : Intillegent PDU, RFID or Card ID handle lock, Intillegent eletric. fan, Temperature & Humidity sensor, Air condition in rack, Intillegent air flow panel, etc.

Special front door : Double front door when open [vertical or horizontal] or depend on the customer requirement.



SYMETRIX

XR series, ZR series, FR series

iLOCK (intelligent rack lock), is worked out by micromagnets technology. This creativity is integrating IT, telecom communication with RFID card technology and its relative IC. Its easy operation, programming, low power consumption and simple installation, point out its main advantages of high security. Its advanced SMT and multi-testing ensure its long service life. While its excellent functions like users information management, illegal operation alarm, low-power alarm, autolock. This product can be used in anywhere need door access control.

iLOCK (RFID Lock'Function)

1. Any card which is EM4100 or EK4100 can be programmed by our lock system.
2. When staff resign, no need to change the lock or door, only cancel its user card by the management card. Then the staff who has the previous user card, can not open the lock.
3. After close the rack, 3 seconds later, lock will be auto-locking.
4. Battery power offering and outside power offering for backup.
5. When the un-programmed card read the lock, it will send voice alarm.
6. When voltage lower than 4.8V, alarm will be Triggered.
7. Then using the system administrator program card you can program in up to 200 users cards per handle.

iLOCK Advantages:

- No key design, for vandal proof.
- Manage users information effectively by programming.
- Card unlocking, no need to bring steel key.
- Auto-lock after close the rack door, no need lock the rack by man-made way.
- 2-way powering offering to avoid the battery used up.
- Integrated Proximity Access Locking Handle

iLOCK Material and SMT

- Lockpanel & Handle: Plastic, PA66+30%, plating.
- Battery Cabinet: ABS.
- Turntable: Zinc alloy, passivation

Option

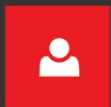
- RS 485 or TCP/IP for communication
- iLOCK software for control and record
- Finger print/Card access control

SYMMETRIX

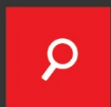
Data Center Rack systems



KEPBER TECHNOLOGY CO.,LTD
www.kepber.com



info@kepber.com



www.kepber.com

Europe & Africa

C/Gabriel García Márquez, 4,
1st floor. 28232 Las Rozas
(Madrid), Spain 28232.
Tel : +34 917-942-217.

China & Asia & Asia Pacific

15/F. Huahui Building No.46
Zu Miao Road. Chancheng
District Foshan, Guangdong
Province, China 528000.
Tel : +86(0)757-6352-2363.
Fax : +86(0)757-6352-2377.

Southeast Asia

1 Empire Tower, 47th Fl, Unit 4703,
South Sathorn Road, Yannawa,
Sathorn, Bangkok, Thailand 10120.
Tel : +66(2)119-8426.
Fax : +66(2)686-3433.