ULTRA ENHANCE
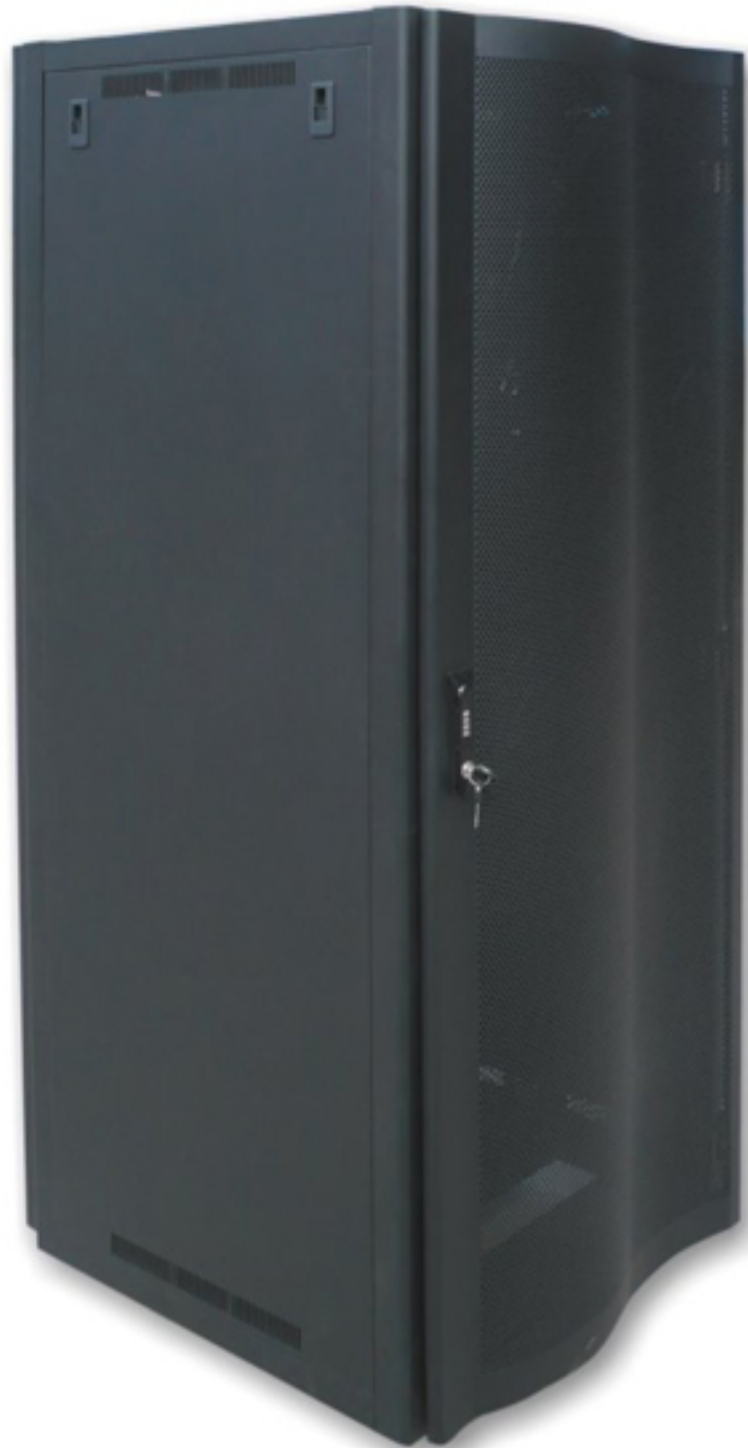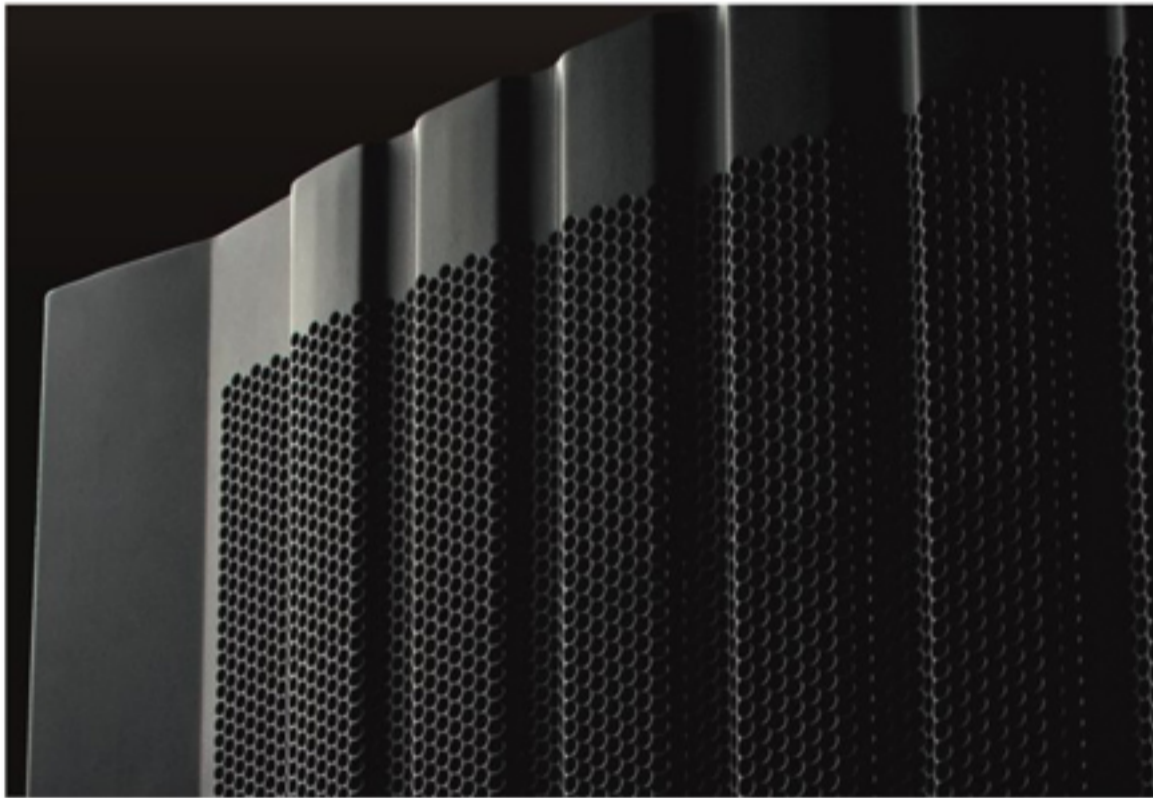# STANDARD
CABINET RACK 儀 器 組 合 架

DATACENTER SOLUTIONS

www.datarack.com.tw

JAUNTY-FABRICATOR ENT. IND. CO., LTD.

DATACENTER SOLUTIONS

Currently all companies depend on their IT systems to control all their operations for well working maintenance. If there is a system failure, the whole structure of the business can be directly affected. The trend is to concentrate all these systems at modern datacenters, where they can be monitored and supervised day and night to avoid even the smallest incident.

A Datacenter needs to provide a safe and reliable environment to reduce to the minimum any possibility of interruption to the flow of processes and data. Therefore today's Datacenters need to keep up high security standards to assure the complete integrity and functionality of its systems, as a result, the investment in improvements to Datacenter control, security, power, cooling and storage systems is becoming more and more important.

Surveillance camera

Warning light

Temperature sensor

Buzzer

J.F. Web

WebEnv II

Uninterruptable Power Supply (UPS)

Fire sensor

Smoke sensor

Leak controller

Entrance control reader 1

Entrance control reader 2

COOLING SOLUTION

Intelligent operation – Adopt the way of CPU: Arithmetic & Logic Unit assures the precise value. Diverse setting of interface, which is supplied by operational panel, facilitates user's optional peripheral equipment such as fan, rack-mounted a/c, and dehumidifier. Besides, the status of temperature/humidity can be set up and displayed through LCD directly.

Decrease the resource consumption – The start action of fan control, rack-mounted air conditioner, warning equipment and so forth are supplied and controlled by normal operational data of temperature accordingly due to the purpose of internal environment improvement, such as high temp., dust, moisture as well as providing high-valued equipment inner cabinet a normal operational environment.

POWER

There is an increasing need to control the power and the electricity supply to the equipment installed in a Datacenter. PDU distribution units are necessary for every installation. They make it possible to control and monitor the power supply to equipment and to diversify power sources.

CONSOLES FOR JF WEB

J.F. Web is the ultimate console system for control stations. Featuring the highest technology in terms of ergonomics, the system is designed to meet controllers' every need, however small. The system of concealed wiring, sliding work surfaces. Operator position and scalability make this console an essential feature of every control room. Network management – Support TCP/IP network. Built in http Server/FTP server for the connection of Internet, Intranet, ADSL and various kinds of network structure. Crisis management– Backup dial adjustment of optional modem and remote switch-on equipment controls the unexpected situation in machine room effectively.

MONITORING & CONTROL

Supervision of the equipment installed in a Datacenter gives the system administrator complete local or remote control over both software and hardware. With systems such as KVM we provide rack installations with the level of supervision they need today.

Environmental monitoring of computer lab – Instant detection of temperature and humidity in cabinet. Analytic service provided through intelligent host let administrator masters the status of equipment providing property preventive management more efficiency.

RACKS & ACCESSORIES

The experience we have built up with all the projects we have implemented allows us to ensure that we produce one of the best racks on the market, specially developed for use in Datacenters, designed to fit into Datacenter environments, the J.F. series features the widest possible range of accessories designed to meet all installers' need while minimizing response time in the event of incidents which involve working inside the rack.

SECURITY

One of the most important issues to be taken into account at any Datacenter is securing systems against any outside eventuality. We prevent unwanted access to the rack with an extensive range of electronic combination locking systems proximity sensor and the like. But access is not the only factor that needs controlling we also help to control temperature, humidity, movement, door opening and more. This is why we can offer a total scalable solution to ensure the security of your systems inside our racks.

OPERATION

1. Standard type of EIA/ANSI RS-310-C with the height of 1U fits various brands of rack mount.
2. Humidity numerical display on LCD panel.
3. High-expanded ability. Moreover, host offers two groups of AC output, relevant DI, DO as well as the interaction of temperature/humidity.
4. Two-stage of temp./humidity warning and DO interactive output are adjustable through LCD panel and link to remote site through internet for output control. It can be used for re-start of communication network equipment (Router, Switch, ATU-R, DSU etc.)
5. Through RS232 connecting LED temperature/humidity display outside the room controls the status of machine room.