

The Hardy logo is located in the top left corner. It features the word "Hardy" in a bold, red, italicized sans-serif font. A small registered trademark symbol (®) is positioned to the right of the text. A green leaf-like shape is placed above the letter 'y'.

Hardy®

The background of the entire page is a photograph of a server room. It shows several rows of server racks filled with equipment. The lighting is dim, with some highlights on the server units. A semi-transparent red banner is overlaid across the middle of the image, containing the text "HARDY SMART RACK IQ".

**HARDY SMART
RACK IQ**

A large, vertical, white sans-serif font spells out "DATA SHEET" on a solid red background that runs down the right side of the page. The text is oriented vertically, reading from top to bottom.

**DATA
SHEET**

**SF No. 559/3C1A2, Plot No 221, Srinivasa Nagar, Ellammanpettai,
Pammadukulam, Chennai-600062. India.**

E-Mail: info@hardyracks.com

W : www.hardyracks.com

DATA SHEET

Hardy®

HARDY SMART RACK IQ

Environmental Monitoring
For Server Rack/Server Room/Data Center.



HRD Smart SR IQ can connect multiple sensors at the front and rear end of the Rack as well as server room. If any Temperature or Humidity value goes beyond threshold or Pre-set value, then the system will generate alarm and connected hooter will sound. In addition to this it has smoke detector for any unprecedented fire casualty with Water-leak detection system. This system completely monitor's Rack's or Server Room's all Environmental parameters

HRD SMART SR IQ

TCP/IP based Environment monitoring Console (Temp, RH, WLD, Smoke) with inbuilt Power supply.

All fitted in standard 19" 1U Size Rack Mounting Enclosure for Server Racks Monitoring.

HRD SMART SR IQ - 01

TCP/IP based Environment monitoring Console (Temp, RH, WLD, Smoke) with inbuilt Power supply.

All fitted in standard 19" 1U Size Rack Mounting Enclosure for Server Room Environmental Monitoring Rack Mounted Unit (HRD Smart SR IQ).

HRD SMART SR IQ - 02

TCP/IP based Environment monitoring Console (Temp, RH, WLD, Smoke) with inbuilt Power supply.

All fitted in standard 19" 1U Size Rack Mounting Enclosure for Server Room Environmental Monitoring Wall Mounted Unit (HRD Smart SR IQ)

TECHNICAL SPECIFICATIONS

Model No	HRD Smart SR IQ
CPU	ARM 32 Bit RISC Processor
Memory :	4MB Flash
Input:	Digital Inputs X 4 nos. 1. Water Leak sensor input 2. Smoke Detector input
Sensor Port:	T+Rh Sensor Port Can
Connect Multiple Temp+Humidity sensors in series.	
Output	1. Alarm output relay (to turn ON hooter or strobe light) 2. To open door in case of temperature high alarm.
Communication Ports	TCP/IP, RS485
Display	16 x 2 LCD Display
Baud rate	9600bps(Default)

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A LEADING EDGE DEVICE...

HRD Smart SR IQ is a perfect blend of engineering and business acumen. A compact console suitable for Server Room, Rack/Cabinets meant for server, telecom, smartcity outdoor rack, electrical panels & much more...

KEY FEATURES & BENEFITS:

- 1U size device fits easily into 19" Rack which make installation easy.
- TCP/IP based System, helps to monitor system from remote location.
- Dedicated channels for Temperature +Humidity Sensors
- Water Leak & Smoke Detection
- SNMP traps enabled for critical alarms like temperature high, water leak, fire etc.
- Alert based SMS/Email configuration in desktopbased software.
- Dedicated software for various types of reports, graphs & critical event notifications.



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DATA SHEET



SOFTWARE & CONNECTION DETAILS



- T+RH Digital Sensor
- Display
- Water Leak Detector Potential Free input
- Door Status
- Smoke Detector Sensor Potential Free input
- Alarm Acknowledgement
- Auto Door Open
- Hooter



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