

Highlights

- Conforms to DIN 41494 OR equivalent ISO Standards
- Adjustable 19" equipment mounting verticals provide the better mounting flexibility maximizing the usable mounting space
- Depth adjustable mounting slots
- Precision engineering capabilities and best efficient software configuration product technology provides the best product quality and fastest delivery in the industry



NFR-42U-8014-GR-SMR

D-Link Floor Standing Smart Rack

D-Link Smart Rack system is an intelligent single rack solution designed for Data Centers, remote locations, and any type of IT applications where remote monitoring of the basic environmental conditions inside the Server rack is essential. While this elegant Sensor based Smart Rack system has an environmental monitoring system equipped with remote triggering & Log Management features, it can also be provided with various other features to best suit each customer's requirement.

D-Link Smart Rack system is a very user friendly and cost-effective alternative solution compared to a full fledge remote site where you need to maintain entire facility including room temperature, security features with an aware onsite IT professional to manage & update the HO/NOC on a regular basis.

Features:

- Conforms to DIN 41494 OR equivalent ISO Standards
- Adjustable 19" equipment mounting verticals provide the better mounting flexibility maximizing the usable mounting space
- Depth adjustable mounting slots
- Precision engineering capabilities and best efficient software configuration product technology provides. the best product quality and fastest delivery in the industry
- Top Panel with Brush Type cable entry facility
- Powder coated finish with pretreatment process meeting all industry standards
- Grounding and Bonding Options
- 100% assured compatibility with all equipment conforming to DIN41494. General industrial standard for equipment

Technical Data:

Rack Part No	: NFR-42U-8014-GR-SMR
Rack Standard	: Conforms to DIN 41494 or equivalent standard.
Front Door	: Glass Door
Rear Door	: Steel Door (Split)
Basic Frame	: Steel
Equipment Mounting	: DIN Standard 10mm Sq. Slots
Mounting Angle	: 19" Mounting angles made of formed steel.
Standard Finish	: Powder Coated
Mounting Option	: 7 KW Capacity in Row Cooling Indoor/ outdoor type. A/C for Self-Cooling of Rack
Standard Color	: Grey or Black
Static Load	: 1000 Kgs.

Description	UOM	Qty
42U Height x 800 mm Width x 1400 mm Depth with IP54 Level of Ingress Protection - Front Glass or Steel Door with Access Control, Rear Steel Gasketed with Locking arrangement, Earthing Kit, Integrated Side Panels - Secured , Heavy Duty Shelf - 1 No., Sliding Keyboard Tray - 1 No, Rack Baying Kit 1 No, 1U Cable Manager (1 No), Blanking Panel (Total 10U Size : 1U x 10 Nos), Reducing Channel with Metal Loops Set of 4,	Nos	1
Rack PDU with Single Phase / 32A Rating - Zero U / Vertical PDU - 20 Socket of IEC C13 + 4 Sockets of IEC C19 - PDU level metering for parameters like - Voltage, Current, Power, Energy and Power Factor	Nos	1
2 TON Capacity in Row Cooling Indoor Outdoor Type with bottom to top uniform cooling distribution Inverter type for Optional redundancy, ambient temperature range +5° C to +50° C.	Nos	1
Rack UPS: 2KVA Rack Mount UPS 30 Min Battery Backup	Nos	1
Rack Environment Monitoring System Unit - RDU-EM: TCP/IP based 2 Door / 2 Reader (Front & Rear Door) Server Rack Access Controller and Environment monitoring Console with inbuilt Power supply. All fitted in standard 19" 1U Size Rack Mounting Enclosure. Smart RACK datacenter ACCESS CONTROL & ENVIRONMENTAL MONITORING Desktop based software (Advance Edition) with MS SQL database For Server Rack Access Controller and Env. Monitoring. SQL License in Customer Scope. With Email and SMS Alert facility. Features of Software: <ul style="list-style-type: none"> • Ability to manage access and monitor environmental conditions at the rack • Open and close the electronics swing handle lock from software. • Restrict user for Front or Rear door from software. • Dashboard for quick Alarm Monitoring • Elegant graphs for temperature and humidity measurement • MIS Reports for Rack Door Access and critical alarms. • Real time Popup for Critical Alerts along with Email and SMS. (SMS Gateway pack under client scope). • Automatic and Manual Database backup on Daily, Weekly and Monthly basis • Time Zone Feature. 	Nos	1
Rack Environment Monitoring SENSORS: Digital Temperature and Humidity sensor with 1meter length (0°C to 100°C for temperature and 0% to 100%RH relative humidity)	Nos	2
PT-100 Temperature Sensor with 3meter wire length	Nos	2
Water Leak Detector with potential free relay output.	Nos	1

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Floor Standing Smart Rack

WLD Cable	Mtr	15
Acknowledgment Switch	Nos	1
Hooter with strobe light	Nos	1
Patch Cord	Nos	4
Relay Based Smoke Sensor with RJ 45 Connector	Nos	1
Hooter for Fire	Nos	1
Access Reader, Locks, Door Limit Switch PIN PAD CUM CARD READER.	Nos	2
Swing Handle Lock with RJ45 Female Connector, ROD Type. (With manual key override).	Nos	2
Mifare - Smart Card (Memory:1K)	Nos	2
Door Limit Switch with RJ45 connector	Nos	2
Patch Cord	Nos	4
Rod for locking mechanism in Rack	Nos	4
Rodent Repellent System for Rack	Nos	1
Auto Door Opening: Emergency Auto Door Opening in case of critical environment	Nos	1

Ordering Information	
<i>Part code</i>	<i>Description</i>
NFR-42U-8014-GR-SMR	D-Link Floor Standing Smart Rack



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