



POWER. PERFORMANCE. PRECISION

The Smarter Way to Connect.



Ultra-high Back
Plane Bandwidth



Smooth Data
Transmission



Long Range Transmission
Up to 250m



Excellent Port
Performance



Intelligent
PoE

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DR-F1020P-C

20-PORT GIGABIT SWITCH WITH 16-PORT POE+



Metal
Casing



Rack
Mounting



2 Years
Warranty



40Gbps Backboard
Bandwidth



TECHNICAL SPECIFICATION

DATA PIN	1/2+3/6-
PoE Output Power	In full configuration - 250W Single PoE Port - 30W
Connector	16x10/100/1000 Mbps POE port, 2x 10/100/1000 Mbps UP-Link port + 2 SFP
Network Medium	Cat5 (UTP) or more
Dimensions	440*190*44mm (L*W*H)
Weight	2.036 Kg

Technology

Network Standards	IEEE 802.3i 10BASE-T, IEEE 802.3u 100BASE-TX, IEEE 802.3z, IEEE 802.3ab 1000BASE-T, IEEE 802.3x Flow Control IEEE 802.3af/at Power ver Ethernet
PoE power	30W per port(IEEE802.3af/at) Wiring Data & power provided over pairs 1/2 and 3/6
Processing types	Store-and-forward, Half-duplex back pressure and IEEE 802.3x full-duplex flow control
Address database Table size	8K MAC address
Buffer memory	48Kb embedded memory per unit
Network Latency	Less than 20us for 64 byte frames in store-and-forward mode for 100Mbps to 1000Mbps transmission

Power

Input	AC 110-240V
Power budget	250 W
PoE power consumption	Maximum 30W per port (IEEE802.3af/at)
Overload current protection	Present

Interface

LED Indicators	System: Power, PoE Maximum power, Per port: Link, Activity, Speed, PoE active, PoE error
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Environment Specification

Operating Storage Temperature	-10-55°C(32-104°F) -40-70°C(14-158°F)
Operating Storage Humidity	90% 95% maximum relative humidity, non-condensing

Package Includes

20-Port Gigabit Switch with 16-Port PoE+
Power Cable X 1
Installation Guide





DR COM PoE Switches deliver reliable power and high-speed connectivity for IP cameras, access points, and IP phones. Built to IEEE 802.3af/at standards, they ensure efficient performance with priority PoE allocation and Gigabit speeds.

Certified to CE, FCC, and RoHS standards, DR COM offers solutions from 4-port to 24-port models ideal for enterprise, campus, and industrial networks.

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