Hikvision DS-3D501R-A

20KM Gigabit Fiber Receiver · Specification summary



Ports	1 × 10/100/1000 Mbps RJ45 port and 1 × 1000 Mbps SC fiber optical port
Switching Capacity	4 Gbps
Packet Forwarding Rate	2.98 Mpps
Fiber Type	Single-mode bidirectional fiber
Transmission Distance	20 km
Wavelength	Tx1550 nm/Rx1310 nm
Receiver Sensitivity	≤ -24 dB
Power Supply	5VDC, 0.6A
Max. Power Consumption	3 W
Dimensions (W × H × D)	71.6 mm × 26.1 mm × 94.1 mm
Operating Temperature	-20 °C to 60 °C (-4 °F to 140 °F)

Specifications are summarised from the manufacturer's published information (checked 2026-10-26). They describe the cited version only. Confirm the exact model, suffix and supplied revision before ordering. ISD confirms supply, price, availability and warranty separately.

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