



# Hikvision DS-3E0516R-O

· Specification summary



|                                  |                                                                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Ports</b>                     | 16 × Gigabit RJ45 port                                                                                                                                                  |
| <b>MAC Address Table</b>         | 8 K                                                                                                                                                                     |
| <b>Switching Capacity</b>        | 32 Gbps                                                                                                                                                                 |
| <b>Packet Forwarding Rate</b>    | 23.81 Mpps                                                                                                                                                              |
| <b>Internal Cache</b>            | 4.1 Mbits                                                                                                                                                               |
| <b>Setup</b>                     | Plug and play                                                                                                                                                           |
| <b>Shell</b>                     | Metal material, fan-free design                                                                                                                                         |
| <b>Net Weight</b>                | 0.9 kg (2.0 lb)                                                                                                                                                         |
| <b>Gross Weight</b>              | 1.4 kg (3.1 lb)                                                                                                                                                         |
| <b>Dimensions (W × H × D)</b>    | 327.00 mm × 44.00 mm × 118.00 mm (12.87" × 1.73" × 4.65")                                                                                                               |
| <b>Operating Temperature</b>     | 0 °C to 40 °C (32 °F to 104 °F)                                                                                                                                         |
| <b>Storage Temperature</b>       | -40 °C to 85 °C (-40 °F to 185 °F)                                                                                                                                      |
| <b>Operating Humidity</b>        | 5% to 95% (no condensation)                                                                                                                                             |
| <b>Relative Humidity</b>         | 5% to 95% (no condensation)                                                                                                                                             |
| <b>Power Supply</b>              | 100-240 V AC, 50/60 Hz, Max. 0.3 A                                                                                                                                      |
| <b>Max. Power Consumption</b>    | 12 W                                                                                                                                                                    |
| <b>Power Consumption in Idle</b> | 2.8 W                                                                                                                                                                   |
| <b>Installation Mode</b>         | Rack (equipped with mounting ears)                                                                                                                                      |
| <b>Surge Protection</b>          | 6 kV                                                                                                                                                                    |
| <b>Mode Button</b>               | Changes the working mode immediately; selected mode is retained after a power interruption.                                                                             |
| <b>Grounding Terminal</b>        | Provided for connection to a grounding cable.                                                                                                                           |
| <b>Indicators</b>                | Power, working mode and LINK/ACT.                                                                                                                                       |
| <b>EMC</b>                       | CE-EMC (EN 55032: 2015+A11: 2020, EN IEC 61000-3-2: 2019, EN 61000-3-3: 2013+A1: 2019, EN 50130-4: 2011+A1: 2014, EN 55035: 2017+A11: 2020),RCM (AS/NZS CISPR 32: 2015) |
| <b>Safety</b>                    | CE-LVD (EN 62368-1: 2014+A11: 2017),CB (AMD1:2009, AMD2:2013, IEC 62368-1: 2014 (Second Edition)                                                                        |
| <b>Chemistry</b>                 | CE-RoHS (2011/65/EU),WEEE (2012/19/EU),Reach (Regulation (EC) No.1907/2006)                                                                                             |

Specifications are summarised from the manufacturer's published information (checked 2026-09-10). 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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