## Техническое описание



## Коммутатор XBIT XR24GP-4GC-A



## Основные характеристики

| LAN Port                 | 24X1000Mbps RJ45               |
|--------------------------|--------------------------------|
| WAN Port                 | 4X1000Mbps Combo               |
| PoE protocol             | IEEE802.3af/at                 |
| PoE Power                | 300W / 400W optional           |
| PoE port                 | 1-24 port, single port max 30W |
| Console                  | 1XRJ45                         |
| LED indicator            | PWR, SYS, Link/ACT LED         |
| Power in                 | AC 100-240V 50/60Hz            |
| Ring topology            | Support                        |
| Star topology            | Support                        |
| Bus topology             | Support                        |
| Tree Topology            | Support                        |
| Hybrid topology          | Support                        |
| Switching capacity       | 56Gbps                         |
| Packet forwarding rate   | 41.616Mpps                     |
| MAC address table        | 8K                             |
| Buffer                   | 4.1M                           |
| Forwarding delay         | <10us                          |
| MDX/MIDX                 | Support                        |
| VLAN                     | 4k                             |
| GVRP                     | Support                        |
| Protocol VLAN            | Support                        |
| Voice VLAN               | Support                        |
| Surveillance VLAN        | Support                        |
| MAC VLAN                 | Support                        |
| Ether channle / 802 .3ad | Support                        |
| LACP                     | Support                        |
| Interface Speed          | Support                        |
| Duplex Mode              | Support                        |

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| Flow Control                       | Support                              |
|------------------------------------|--------------------------------------|
| Jumbo frame                        | Support                              |
| DHCP Client                        | Support                              |
| SNTP Client                        | Support                              |
| Port Statistics                    | Support                              |
| Protected Port                     | Support                              |
| EEE                                | Support                              |
| Ethernet Ring Protection Switching | Support                              |
| LLDP                               | Support                              |
| LLDP 802.1 TLV                     | Support                              |
| MSTP / RSTP / STP                  | Support                              |
| STP BPDU Filter                    | Support                              |
| STP BPDU guard                     | Support                              |
| STP Port Fast                      | Support                              |
| IGMP Snooping                      | Support                              |
| MLD Snooping                       | Support                              |
| MVR                                | Support                              |
| IPV4 Management address            | Support                              |
| IPV6 Management address            | Support                              |
| Static Routes IPv4                 | Support                              |
| Static Routes IPv6                 | Support                              |
| ARP                                | Support                              |
| Loopback Interface                 | Support                              |
| DHCP Server                        | Support                              |
| DNS Server                         | Support                              |
| DNS Client                         | Support                              |
| ACL                                | Support MAC standard/extended ACL    |
|                                    | Support IPV4 Standard/Extended ACL   |
|                                    | Support IPV6 Standard/Extended ACL   |
|                                    | Support QOS remark                   |
|                                    | Support port trust                   |
|                                    | Support port speed limit             |
| QOS                                | Support export queue speed limit     |
|                                    | Support SP, WRR scheduling algorithm |
|                                    | Support COS mapping, DSCP mapping,   |
|                                    | IP priority mapping                  |
| User Management                    | Support                              |
| System Log                         | Support                              |
| Upgrade Firmware                   | Support                              |
| Configuration File Download/Upload | Support                              |
| SNMP                               | Support SNMP V1/V2/V3                |

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| WEB Management                    | Support                         |
|-----------------------------------|---------------------------------|
| Console                           | Support                         |
| CLI                               | Support                         |
| Telnet/SSH                        | Support                         |
| RMON                              | Support                         |
| Manage channel configuration      | Support                         |
| AAA authenticate                  | Support                         |
| 802.1X authenticate               | Support                         |
| MAC-Based authenticate            | Support                         |
| WEB-Based authenticate            | Support                         |
| DoS anti-attack                   | Support                         |
| Dynamic ARP detection             | Support                         |
| DHCP Snooping                     | Support                         |
| IP Source Guard                   | Support                         |
| Port Security                     | Support                         |
| Protected Ports                   | Support                         |
| storm control                     | Support                         |
| Console Log                       | Support                         |
| RAM log                           | Support                         |
| Flash log                         | Support                         |
| Port Mirror                       | Support 1:1 or 1:M              |
| Ping                              | Support                         |
| Traceroute                        | Support                         |
| Electrical port test              | Support                         |
| Optical module information        | Support                         |
| UDLD protocol                     | Support                         |
| Operate Temperature               | (-10C to 50C )                  |
| Storage Temperature               | (-40C to 85C )                  |
| Relative humidity                 | 5% - 95%                        |
| Thermal methods                   | Fan                             |
| MTBF                              | 100,000 hours                   |
| Product size                      | 440*284*44mm                    |
| Installation Method               | Rack Mount                      |
| Weight                            | 3.4Kgs                          |
| Surge protection of Power         | General 6000V Difference: 2000V |
| Surge protection of Ethernet port | General 6000V Difference: 2000V |
| ESD                               | 8KV-15KV                        |
| Free fall                         | 0.5m                            |
| Certificates                      | CE, FCC, RoHS                   |

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