

# CES2010 / CES2026

## Gigabit Ethernet Switch

8/16/24\*10/100Base-T + 2\*1G Combo

Unmanaged AI PoE Switch



### Overview

CES2010/CES2026 series is an Unmanaged PoE Switch, providing 8/16/24x 10/100M PoE/PoE+ ports and 2x Gigabit Combo uplink ports. It features 10M VLAN and 100M VLAN with watchdog function. It is plug-and-play, easy to use, and widely used in video surveillance scenarios, including hotels, campuses, factories, and small to medium-sized enterprises.

### Features

#### 10/100M access and Gigabit Uplink

- 8/16/24x 10/100Base-T RJ45, and 2x Gigabit Combo Uplink RJ45/SFP
- Speed-limited forwarding without blocking, making the network more stable
- Support IEEE802.3x full-duplex flow control and Back-pressure half-duplex flow control

#### Power Over Ethernet (PoE/PoE+)

- Support IEEE802.3af/at, each port port max.30W
- VLAN mode with watchdog, automatically restarts the PD device

#### 3-Working mode for Flexible networking

- SW Mode: switch mode
- 100M VLAN: 1~8/16/24 port 100M VLAN with AI PoE function
- 10M VLAN: 1~8/16/24 port 10M VLAN, long-distance (250m) transmission with AI PoE function

#### Stable and reliable, easy to operate

- Low consumption, fanless design
- Complete LED indicator to monitor the device's working status
- -20~60°C working temperature, ESD/Surge/IP30 protection
- Plug and Play, Rack-mounted/Desktop installation

## Product List

| Model                                                                                                    | Description                                                                                                                                                                                                                                                                                       |
|----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>CES2010-8T2C</p>    | <p>Ports: 8x 10/100Base-TX RJ45, 2x 1G Combo RJ45/SFP</p> <p>Switch Capacity: 5.6Gbps/non-blocking</p> <p>Packet forwarding Rate: 4.16 Mpps</p> <p>MAC address: 8k</p> <p>Buffer: 4M</p> <p>Power input: AC100~240V 50/60Hz, DC36-72V(Optional)</p> <p>Dimension: 266*200*43.6mm (1U 11inch)</p>  |
|  <p>CES2010-8P2C</p>    | <p>Ports: 8x 10/100Base-T PoE, 2x 1000/100Base-X SFP</p> <p>Switch Capacity: 5.6Gbps/non-blocking</p> <p>Packet forwarding Rate: 5.35Mpps</p> <p>MAC address: 8k</p> <p>Buffer: 4M</p> <p>Power input: AC100~240V 50/60Hz , 120W</p> <p>Dimension: 266*200*43.6mm(1U 11inch)</p>                  |
|  <p>CES2026-16T2C</p>  | <p>Ports: 16x 10/100Base-TX RJ45, 2x 1G Combo RJ45/SFP</p> <p>Switch Capacity: 8.8Gbps/non-blocking</p> <p>Packet forwarding Rate: 5.35Mpps</p> <p>MAC address: 8k</p> <p>Buffer: 4M</p> <p>Power input: AC100~240V 50/60Hz, DC36-72V(Optional)</p> <p>Dimension: 330x230x43.6mm (1U 13inch)</p>  |
|  <p>CES2026-16P2C</p> | <p>Ports: 16x 10/100Base-T PoE, 2x 1G Combo RJ45/SFP</p> <p>Switch Capacity: 8.8Gbps/non-blocking</p> <p>Packet forwarding Rate: 5.35Mpps</p> <p>MAC address: 8k</p> <p>Buffer: 4M</p> <p>Power input: AC100~240V 50/60Hz, 200W</p> <p>Dimension: 330x230x43.6mm (1U 13inch)</p>                  |
|  <p>CES2026-24T2C</p> | <p>Ports: 24x 10/100Base-TX RJ45, 2x 1G Combo RJ45/SFP</p> <p>Switch Capacity: 8.8Gbps/non-blocking</p> <p>Packet forwarding Rate: 6.54 Mpps</p> <p>MAC address: 8k</p> <p>Buffer: 4M</p> <p>Power input: AC100~240V 50/60Hz, DC36-72V(Optional)</p> <p>Dimension: 330x230x43.6mm (1U 13inch)</p> |
|  <p>CES2026-24P2C</p> | <p>Ports: 24x 10/100Base-T PoE, 2x 1G Combo RJ45/SFP</p> <p>Switch Capacity: 8.8Gbps/non-blocking</p> <p>Packet forwarding Rate: 6.54 Mpps</p> <p>MAC address: 8k</p> <p>Buffer: 4M</p> <p>Power input: AC100~240V 50/60Hz, 300W</p> <p>Dimension: 330x230x43.6mm (1U 13inch)</p>                 |

## Technical Specifications

| Model                      | 10-port                                                                                                                 | 18-port              | 26-port   |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------|----------------------|-----------|
| Standards                  | IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3z, IEEE802.3x                                                              |                      |           |
| Port Configuration         | 8/16/24x 10/100Base-TX RJ45<br>2x 1G Combo RJ45/SFP                                                                     |                      |           |
| Switch Capacity            | 5.6Gbps/non-blocking                                                                                                    | 8.8Gbps/non-blocking |           |
| Forwarding rate            | 4.16 Mpps                                                                                                               | 5.35 Mpps            | 6.54 Mpps |
| MAC address                | 8k                                                                                                                      |                      |           |
| Buffer                     | 4M                                                                                                                      |                      |           |
| Flow control               | support                                                                                                                 |                      |           |
| Jumbo Frame                | 9k                                                                                                                      |                      |           |
| PoE/PoE+                   |                                                                                                                         |                      |           |
| Standard                   | IEEE802.3af/at                                                                                                          |                      |           |
| Pin assignment             | 1/2+, 3/6-                                                                                                              |                      |           |
| PoE budget                 | 30W max in each port                                                                                                    |                      |           |
| Electrical characteristics |                                                                                                                         |                      |           |
| Input Power                | AC100~240V 50-60HZ (Rating)<br>AC90~264V 47Hz~63Hz (Max.)                                                               |                      |           |
| Power Consumption          | Max.120W                                                                                                                | Max.200W             | Max.300W  |
| Physical characteristics   |                                                                                                                         |                      |           |
| Dimension                  | 266*200*43.6mm                                                                                                          | 330x230x43.6mm       |           |
| Installation               | Rack-mounted                                                                                                            |                      |           |
| IP Protection              | IP30                                                                                                                    |                      |           |
| Heat release               | Natural                                                                                                                 |                      |           |
| Environment                |                                                                                                                         |                      |           |
| Working Temperature        | -20℃ ~ 60℃                                                                                                              |                      |           |
| Relative Humidity          | 5-95% (no condensation)                                                                                                 |                      |           |
| Certification              |                                                                                                                         |                      |           |
| Safety                     | EN62368                                                                                                                 |                      |           |
| EMC                        | EN55032, EN55035, FCC Part 15 Subpart B Class A<br>IEC61000-4-2,IEC 61000-4-3,IEC 61000-4-4,IEC 61000-4-5, IEC61000-4-6 |                      |           |
| Reliability                | IEC 60068-2-6, IEC 60068-2-27, IEC 60068-2-32                                                                           |                      |           |
| ROHS                       | ROHS 2.0                                                                                                                |                      |           |

## Order Information

| Model No.     | Description                                          |
|---------------|------------------------------------------------------|
| CES2010-8T2C  | 8x 10/100M RJ45, 2x 1G Combo RJ45/SFP, AC input      |
| CES2010-8P2C  | 8x 10/100M PoE, 2x 1G Combo RJ45/SFP, AC input 120W  |
| CES2026-16T2C | 16x 10/100M RJ45, 2x 1G Combo RJ45/SFP, AC input     |
| CES2026-16P2C | 16x 10/100M PoE, 2x 1G Combo RJ45/SFP, AC input 200W |
| CES2026-24T2C | 24x 10/100M RJ45, 2x 1G Combo RJ45/SFP, AC input     |
| CES2026-24P2C | 24x 10/100M PoE, 2x 1G Combo RJ45/SFP, AC input 300W |

## Related Products

| Model No.                       | Description                              |
|---------------------------------|------------------------------------------|
| SFP-M1285L-05                   | SFP 1.25G MM 850nm LC 550m DDM           |
| SFP-S1213L-20                   | SFP 1.25G SM 1310nm LC 20km DDM          |
| SFP-B1235L-20                   | SFP 1.25G SM TX1310/RX1550nm LC 20km DDM |
| SFP-B1253L-20                   | SFP 1.25G SM TX1550/RX1310nm LC 20km DDM |
| 40/60/80/100/120km is available |                                          |



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