# CS228

- Multi-console 8-Port PS/2 KVM Switch
- CS228 is a high-efficiency KVM switch which provides the most efficient solution. Its console with 2 built-in PS/2 allows users to control 8 servers either alone or by sharing. The built-in DB-25 of CS228 can reduce cable derangements in component rooms and can enhance signal quality and operation efficiency.
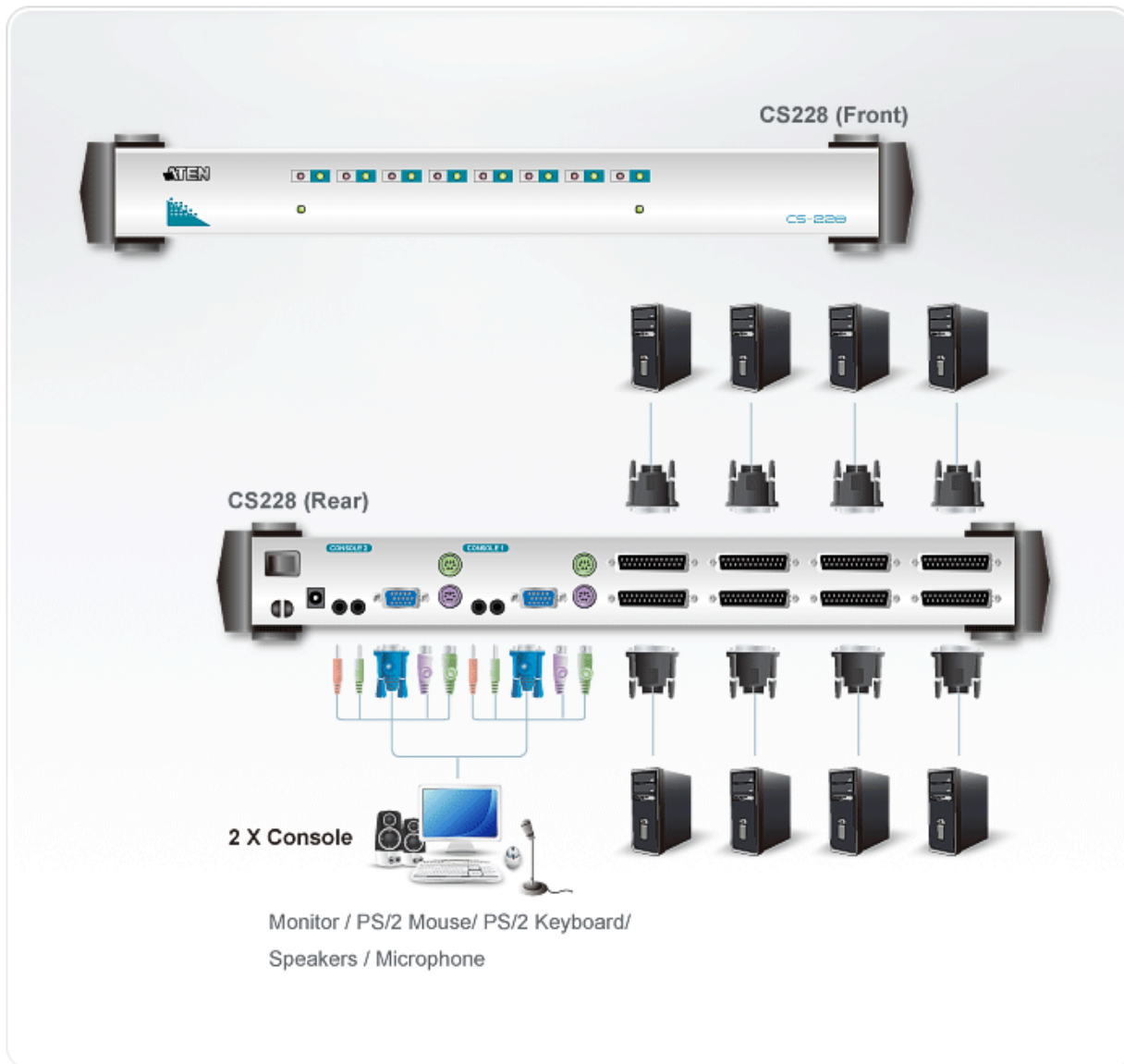
# Features

- 2 PS/2 console control 8 computers.
- Up to four users can operate up to 64 computers (via cascade to CS88A and CS9138*) at the same time.
- Each console has its own access control
- Two-level (Administrator/User) password authorization for enhanced security protection.
- Administrator can access any computer completely independently of the other users.
- Each user has his own access control list
- Computer selection via On Screen Display (OSD)
- Supports Microsoft IntelliMouse, Logitech MouseMan, FirstMouse, IBM Scrollpoint Mouse.
- OSD automatically adjusts to resolution changes.
- Auto Scan function to monitor computer operation.
- With speaker and microphone support.
- Superior video quality: Up to 1920 x 1440; DDC2B.
- Special design for easy stacking.
- Rack mountable in 19" (1U) system rack.
  * CS88A and CS9138 do not support audio features of audio enabled KVM switches.
- Multiplatform support: Windows 2000/XP/Vista, Linux and FreeBSD.

- For more information about KVMs which can connect to CS228, see Compatible KVM Table.

# Specification

| Computer Connections | | Direct | 8 |
|---|---|---|---|
| | | Max. | 64 (via Cascade to CS88A and CS9138) |
| Port Selection | | | OSD |
| Connectors | Console Ports (1,2) | Keyboard | 2 x 6-pin Mini-DIN Female (Purple) |
| | | Video | 2 x HDB-15 Female (Blue) |
| | | Mouse | 2 x 6-pin Mini-DIN Female (Green) |
| | | Speaker | 2 x Mini Stereo Jack Female (Black) |
| | | Microphone | 2 x Mini Stereo Jack Female (Pink) |
| | KVM Ports | Keyboard/ Mouse/ Video | 8 x DB-25 Female (Black) |
| | | Speaker | |
| LEDs | | Microphone | |
| | Selected | | 8 (Green) |
| | Power | | 1 (Blue) |
| Emulation | Keyboard / Mouse | | PS/2 |
| Video | | | 1920 x 1440; DDC2B |
| Scan Interval | | | 3,5,10,15,20,30,40,60 Seconds |
| Power Consumption | | | DC9V, 6.3W |
| Environment | Operating Temp. | | 0-50˚C |
| | Storage Temp. | | -20-60˚C |
| | Humidity | | 0-80% RH, Non-condensing |
| Physical Properties | Housing | | Metal |
| | Weight | | 2.70 kg |
| | Dimensions ( L x W x H ) | | 45.00 x17.00 x 6.70 cm |

# Diagram



CS228 (Front)

CS228 (Rear)

2 X Console

Monitor / PS/2 Mouse/ PS/2 Keyboard/
Speakers / Microphone