



The VS-AXESS-2D-ETL-PCB is a series of powerful and stable access controller, using the logical architecture design. The uplink and downlink adopt TCP/IP and wiegand communicate respectively. Its signal processed with special encryption and can be run offline. Anti-tampering function is also supported.

Features

- 32-bit high-speed processor.
- TCP/IP network communication, with self-adaptive network interface. The communication data is encrypted to ensure information security.
- Supports Wiegand interface for accessing card reader. Wiegand interface supports W26/ W34 and is seamlessly compatible with third-party card reader.
- Massive storage with 10,000 users and 50,000 card swiping records.
- Supports first card function, super card and super password function, online upgrade function and online remote control of the doors.
- Supports various card types such as normal/ disabled/blacklist/patrol/visitor/duress/ super card, etc.
- The recognition and storage of card number with maximum 20 digits.
- Supports tamper-proof alarm for card reader, unsecured door alarm, forced entry door alarm, alarm for door opening timeout, duress alarm, and alarm for invalid card swiping attempts
- alarm, case in alarm and restore, insufficient storage alarm for offline event, network break alarm.
- Supports online and offline operating mode.
- Supports time synchronization via NTP, manual or automatic method.
- Watchdog for device running status detection.
- Data can be permanently saved when the access controller is powered off.
- Client supports attendance function.
- High/low temperature resistant design -20°C to +65°C (-4°F~+149°F)



| Model No. | VS-AXESS-2D-ETL-PCB |
|----------------------------------|--|
| Working Voltage | DC 12V |
| Power consumption | ≤3.5W (without load) |
| Processor | 32-bit |
| Uplink Communication Interface | TCP/IP Network Interface and RS-485 Interface |
| Downlink Communication Interface | Wiegand interface |
| Storage | Storage for 10.000 users and 50.000 card swiping records |
| LED Indicator | Power Supply Status, Communication Status, Abnormal Status |
| Built-in Clock | Yes |
| Accessible Card Reader | 4 Card Readers (Wiegand Interface) Connectable |
| Input Interface | Door Magnetic×2, Door Switch×2, Case Input×2 |
| Output Interface | Door Switch Relay×2, Alarm Relay×2 |
| Working Temperature | -20°C to +65°C (-4°F~+149°F) |
| Working Humidity | 10% to 90% (Non-Condensing) |
| Dimensions (L×W×H) | 253(L) x 192(W) x 16(H)mm – 9.96(L) x 7.55(W) x 0.62(L)in. |

