CAPTEC

cincoze™

# SEM-DIO101

## 16-Channel Digital I/O Module

## Key Benefits

- **Serial Connectivity** with two RS-232/422/485 ports for industrial communication
- **Flexible Interfaces** supporting 5 V/12 V serial connections through DB9 connectors
- **High-Speed Communication** with baud rates up to 921.6 kbps
- **Tool-Free Installation** with a plug-and-play design for compatible expansion decks
- **Compact Integration** with a single-deck design compatible with SED-201, SED-401, SED-402 and SED-601



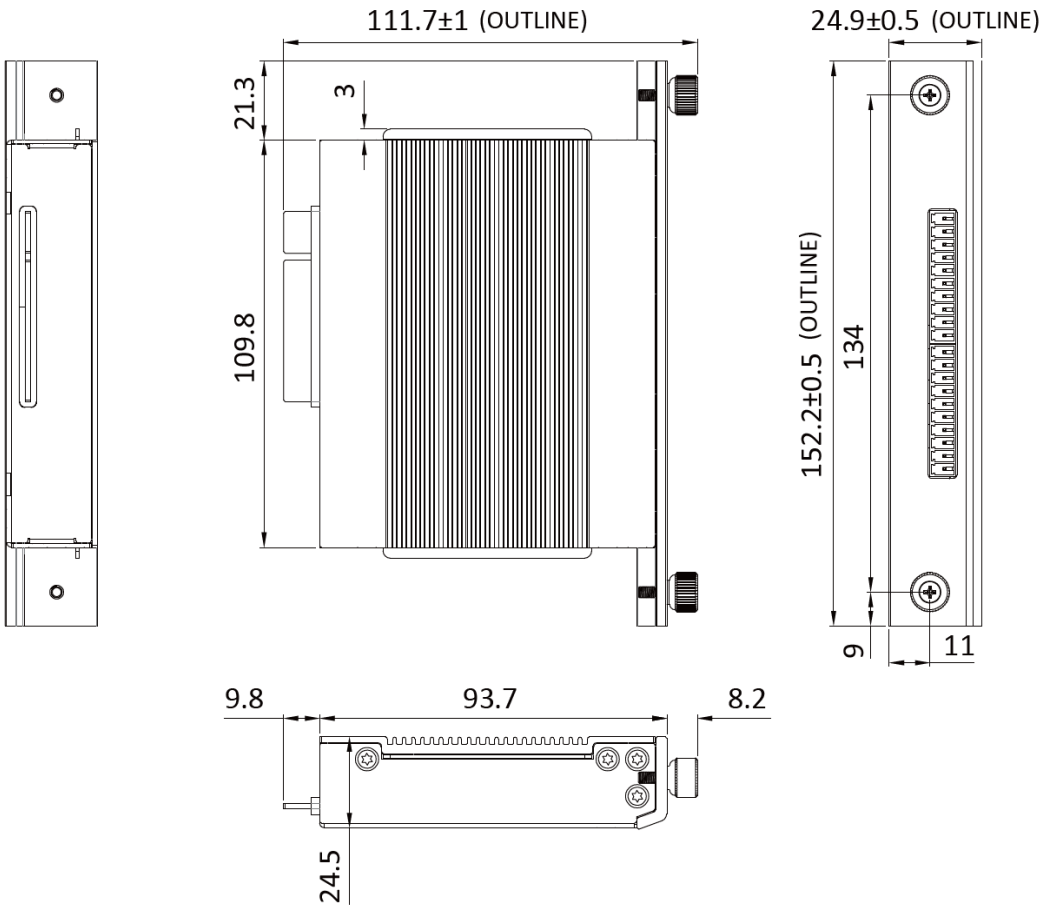
## Overview

The SEM-COM101 is a Scalable Expansion Module designed to extend the serial communication capabilities of compatible Cincoze expansion decks. Featuring two RS-232/422/485 ports with DB9 connectors and 5 V/12 V support, it enables flexible connectivity for industrial equipment and control systems. Supporting baud rates up to 921.6 kbps, the module provides high-speed serial communication, while its PCIe x4 interface and tool-free plug-and-play design simplify integration with SED-201, SED-401, SED-402 and SED-601 expansion decks.

## Specifications

| | |
|---|---|
| Interface | ▪ 1x PCIe x4 for Expansion Deck Installation |
| Serial Port | ▪ 2x RS-232 / 422 / 485 Ports |
| Baud Rate | ▪ 921.6 kbps |
| Connector Type | ▪ DB9 |
| Dimension ( W x D x H ) | ▪ 24.9 x 111.7 x 152.2 |

## Specifications




**Unit: mm**

## Ordering Information

### Available Models

| Model No. | Description |
|---|---|
| SEM-DIO101-R10 | Scalable Expansion Module with 16x Isolated DIO (8-in/8-out), 20-pin Terminal Block, 1 Deck |

### Package Check List

- SEM-DIO101 Expansion Module x1
- Terminal Block Pack

## Compatible List

| Model No. | Description |
|---|---|
| SED-201 | 2-Slot Scalable Expansion Deck, Supports up to 2 I/O Modules |
| SED-401 | 4-Slot Scalable Expansion Deck, Supports up to 4 I/O Modules |
| SED-402 | 4-Slot Scalable Expansion Deck, Supports up to 2 I/O Modules and 2 Storage Modules |
| SED-601 | 6-Slot Scalable Expansion Deck, Supports up to 4 I/O Modules and 2 Storage Modules |

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