

ES1 I/O Extension Module

The ES1 is an extension module designed to expand your I/O capacity by up to 7 ports, compatible with AK300 and AK7V models. With its simple installation and high scalability, it seamlessly integrates into your system.



Specifications

PHYSICAL

Dimension	66.4 mm × 56.8 mm × 19.6 mm (2.62" × 2.34" × 0.78")
Weight	45g (0.1 lb)
Enclosure	Flame Retardant PC

MEMORY

Internal Flash Memory	16 Megabits
-----------------------	-------------

ELECTRICAL

Operating Voltage	5V DC from serial port of host device
Current Consumption	Operating : 10mA@5V Sleep Mode: 2mA@5V

CONNECTORS

I/O Connection	Molex 12-Pin Connector
Serial Port	JST 4-Pin Connector
DB9 Connection	9-Pin Connector

ENVIRONMENTAL

Operating Temperature	-25°C~65°C
Humidity	95%RH @ 50° C non-condensing
Vibration/Shock	MIL-STD-810H

CONFIGURATION

Firmware Update	ADM (ATrack Device Management)
-----------------	--------------------------------

INPUTS/OUTPUTS

Digital Inputs	Up to 7 ports (By Configurable)
Digital Outputs	Up to 7 ports (By Configurable) Max. sink current 300mA
LED Indicators	1 LED (Green)

Compatible Products:

AK300



AK7V



Connection Method:

AK300



AK7V



Last updated: 20-May-2024