AL-1112

Architectural and Engineering Specifications

Version 1.2

(Apr. 06, 2021)

**PART 1: PLEASE REFER TO ATTACHED DOCUMENTS - OVERVIEW & FORMAT SAMPLES**

**PART 2: PRODUCTS**

**Division 28 – Electronic Safety and Security**

**Level1 28 05 00 – Common Work Results for Electronic Safety and Security**

**Level2 28 05 19 – Storage Appliances for Electronic Safety and Security**

# Manufacturer

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# General

## Product Description

AL-1112 is an Alarm Box designed and manufactured by IDIS. This Alarm Box supports DirectIP™ protocol and extends alarm terminal of recording equipment. This box makes easy connection with network and supports PoE, DC and AC power. This AL-1112 Alarm Box is able to check current alarm status via front LEDs.

## General Specification

1. The Alarm Box shall support DirectIP™ NVR.
2. The Alarm Box shall support IDIS Solution Suite.
3. The Alarm Box has 4 Relay Outputs.
4. The Alarm Box has 8 Alarm Inputs.
5. The Alarm Box uses DC output for small power devices.
6. The Alarm Box has LED indicator of Alarm Status.

# Technical Specifications

## Interface Specifications

1. Alarm Input: 8 Digital-Input
   1. Dry Contact, Wet Contact
   2. High: Open or DC 5V ~ DC 30V
   3. Low: Short or DC 0V ~ DC 1.8V
2. Alarm Output: 4 Relay-out (NC, NO, COMMON)
3. Power Output: 12VDC(300mA), 5VDC(400mA)
4. Ethernet: 10/100Mbps
5. DirectIP™ Supported: Yes
6. USB: Yes (Spare)

## General Specifications

1. Dimension (W x H x D): 200mm x 44mm x 154.7mm (7.9" x 1.7" x 6.1") \*Include Terminal Block
2. Unit Weight: 0.77kg (1.7lb)
3. Operating Temperature: -10℃ ~ +50℃ (+14℉ ~+122℉)

\* Starting up at above 0℃ (32℉)

1. PoE (class): Yes (IEEE 802.3at Class 4)
2. Power Source: 12VDC, 24VAC, PoE
3. Power Consumption
   1. 12V=, 2.19A, 26.3W
   2. 24V~, 1.57A, 22.9W, 50/60Hz
   3. PoE, IEEE 802.3at (Class 4), 23W
4. Approvals: FCC, CE, KC

# Version History

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| --- | --- | --- | --- |
| **Version** | **Writer** | **Revision Date** | **Remarks** |
| 1.0 | Ray Sun | Jul. 17, 2018 | Initial Release |
| 1.1 | Everett Lee | Jun. 10, 2020 | Dimension Modification |
| 1.2 | TS Team | Apr. 06, 2021 | Spec Update |