

AL-1112

Architectural and Engineering Specifications

Version 1.1
(Jun. 10, 2020)

1 Manufacturer

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2 General

2.1.0 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.

2.2.0 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.

3 Technical Specifications

3.1.0 Interface Specifications

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

3.2.0 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°C ~ +50°C (+14°F ~+122°F)
 - * Starting up at above 0°C (32°F)
4. PoE (class): Yes (IEEE 802.3at Class 4)
5. Power Source: 12VDC, 24VAC, PoE
6. Power Consumption
 - A. 12V=, 2.19A, 26.3W
 - B. 24V~, 1.57A, 22.9W, 50/60Hz
 - C. PoE, IEEE 802.3at (Class 4), 23W
7. Approvals: FCC, CE, KC

Version History

Version	Writer	Revision Date	Remarks
1.0	Ray Sun	Jul. 17, 2018	Initial Release
1.1	Everett Lee	Jun. 10, 2020	Dimension Modification