



## **M-MFN02**    Multi-function card

**Specification V3.1**

**Shenzhen Mooncell Electronics Co., Ltd**

# **1 Product Overview**

## **Product Introduction**

The M-MFN02 is a multi-function auxiliary card for use with smoke probes and temperature and humidity sensors.

## **Features**

- M-MFN02 is the multifunctional card from Mooncell with variety of subsidiary functions :
- It supports RS232 Serial Port Communication.
- By using the Network Ports,It can be cascading connected to the receiving cards, either between each one of them , in front of them or at the end of the receiving card.
- It has the timing function, and could be used as a timer or delayer.
- By using it to detect the temperature of the distribution box.
- It has the Audio Output.
- It can be connected to 4x Light Sensors so as to automatically adjust the brightness.
- Externally it can be connected to the Smoke Module.
- Externally it can be connected to the temperature/humidity modules.
- It has 8x power supply switches.

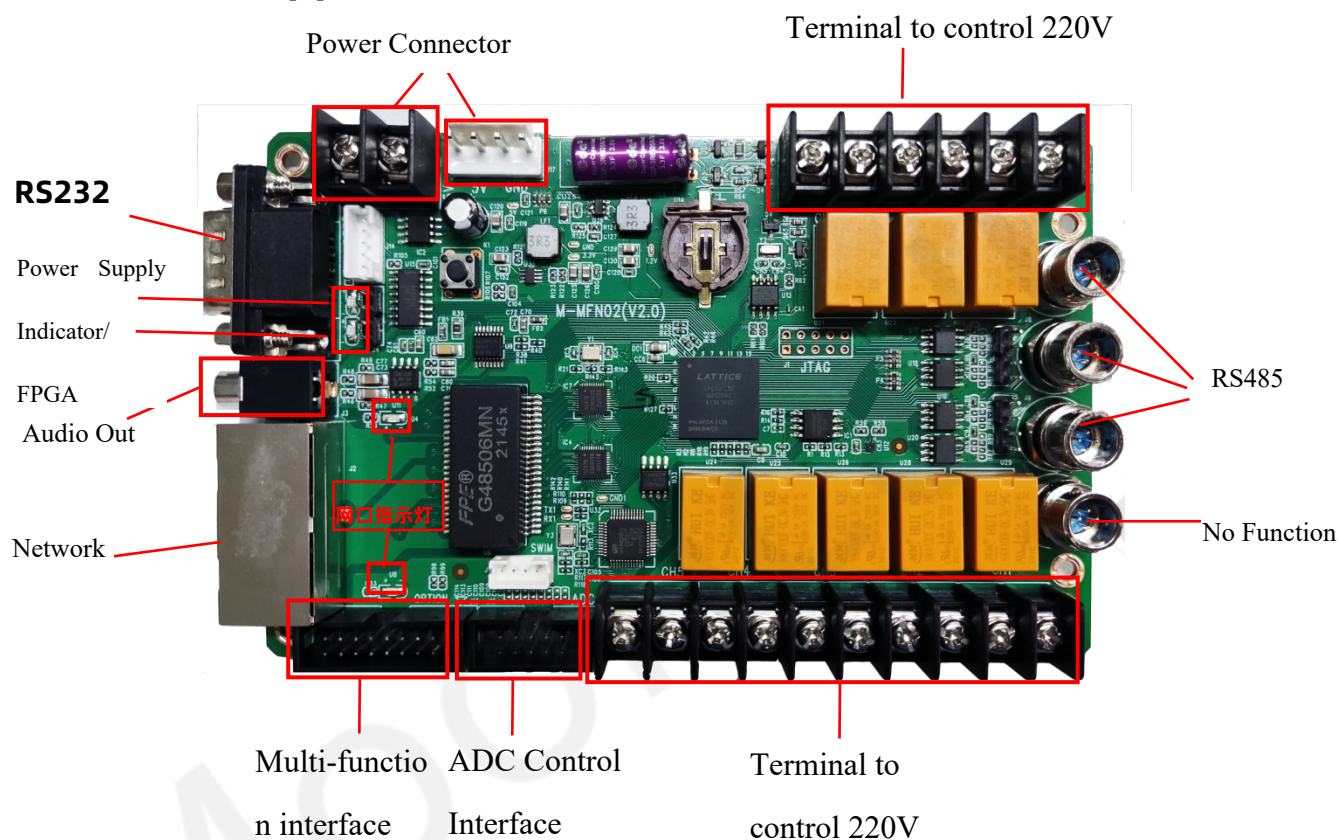
- **Detects LED screen power-up times record**
- **Supports online upgrade**
- **Support UDP network protocol control, network port directly connected to the computer network port control relay switch**

## **Application Scenarios**

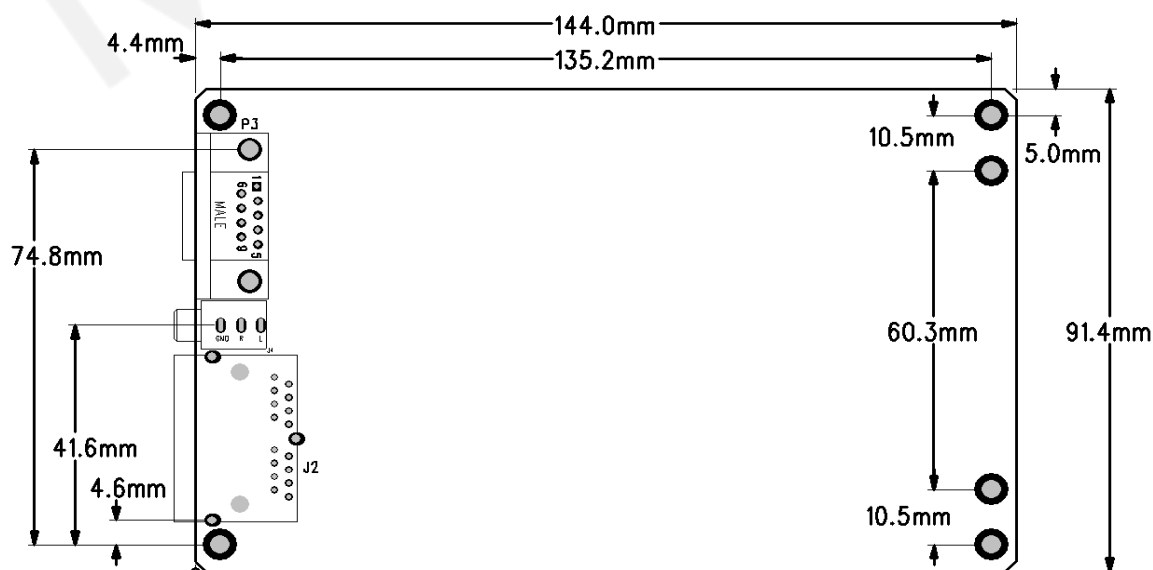
**Suitable for use in large shopping malls and outdoor advertising screens and vehicle screens.**

# 2 Product Parameters

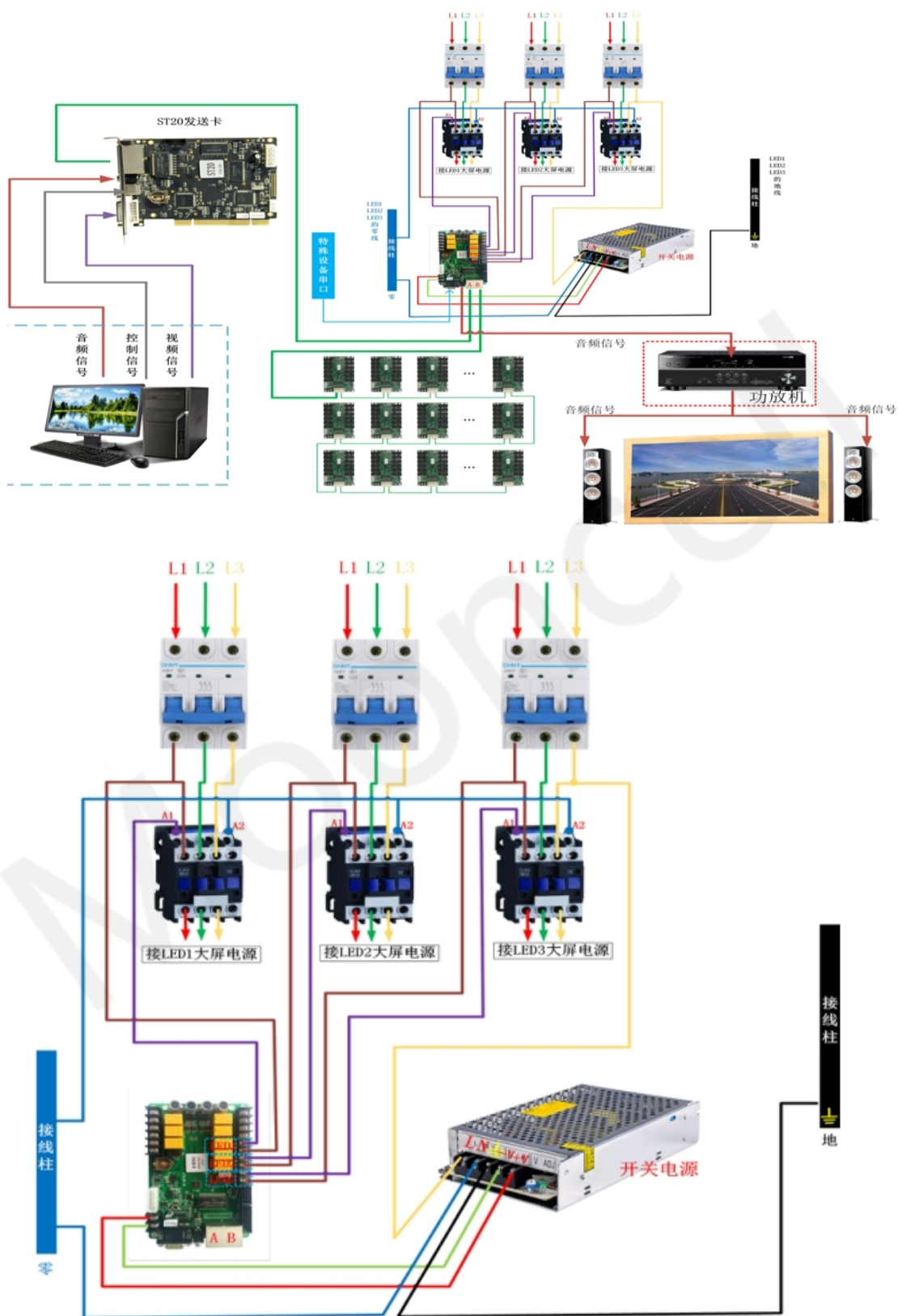
## Hardware Appearance



## Dimensions



## Connection Methods



# **3 Product Specifications**

## **Specifications**

Electric Parameters	Input Voltage	DC3.5-5.5V
	Rated Current	0-3 A
	Rated Power	5W
Operating Environment	Operating Temperature	-10°C - 65°C
	Operating Humidity	0%RH-95%RH
Dimensions	144mmX91.2mm	
Net Weight	159.5 g	
Certifications	It conforms to RoHS and CE-EMC standards.	

## **Precautions**

- 1. The testing (debugging) and installation should be done by the qualified professionals**
- 2. Anti-Static, Water-Proof and Dust-Proof Required**