Mooncell

M-EMT100

3D Synchronous Signal Transmitter

Specification V3.0

Shenzhen Mooncell Electronics Co., Ltd

1 Product Overview

Product Introduction

M-EMT100 is a 2.4G RF 3D synchronous signal transmitter developed for LED 3D display, which is combined with LED screen master controller that supports 3D function and 2.4G RF active shutter 3D glasses to achieve 3D viewing effect.

Product Features

- Transmit power can be selected according to the antenna.
- Automatic code loading;
- High reliability design.

Application Scenarios

It is used to view 3D images displayed on LED 3D displays. Such as popular science education, exhibitions, interactive entertainment and other high refresh rate (higher than 3840Hz) LED screen 3D display occasions.

2 Product Parameters

Product Appearance

Specifications

Product Description	2.4G RF 3D synchronous signal transmitter developed for LED 3D display, 3D glasses are required to use together.
Operating Frequency	2.45G +- 500 MHz
Transmission Speed	100K Hz
Transmission Distance	Forward transmission distance: no more than 80M
	Reverse transmission distance: no more than 80M
Transmitted Power	0.1W MAX

Antenna Gain	2DB 5DB 8DB 12DB 14DB Optional
Transmission Angle	360 degree omnidirectional
Synchronization Method	Time synchronization interval sweep mode
Operating Temperature	-10℃~+70℃
Operating Humidity	10%~90%
Supported Interfaces	DIN3 3D synchronous interface、DB37 3D synchronous interface、DB25 3D synchronous interface、DB15 3D synchronous interface
Working Voltage	4.5~5.5V
Working Current	40mA~100mA
Weight	156g +- 0.5g
Dimension	220mm*45mm*30mm

Precautions

- **High voltage danger: The working voltage of this product is AC -100V ~ 240V.**
- **It is forbidden to immerse conductive objects such as liquid and metal fragments into the equipment to avoid safety accidents.**
- **Please use the device in a dry and clean environment.**