EMT200 Pro

3D Emitter

Specifications

Change History

Document Version	Release Date	Description
V1.1.2	2025-09-12	Added information about the recommended connection distance and quantity for 3D glasses.
V1.1.1	2025-06-03	Added certification information.
V1.1.0	2025-03-20	Update the gross weight and packaging information.
V1.0.0	2024-09-19	First release

Introduction

The EMT200 Pro is a high-end 3D synchronous signal emitter developed by NovaStar Tech Co., Ltd. (hereinafter referred to as NovaStar). When used with compatible LED display controllers and shutter-type 3D glasses, it provides an immersive 3D viewing experience. This device is ideal for applications in rental and fixed installations such as cinemas, exhibition halls, and educational institutions.

Additionally, the EMT200 Pro is equipped with 5G Ethernet ports for use with 5G devices and 1G Ethernet ports for 1G devices. It also supports external antenna connections to enhance wireless signal strength.

Certifications

CE, RoHS, FCC, IC

If the product does not have the relevant certifications required by the countries or regions where it is to be sold, please contact NovaStar to confirm or address the problem. Otherwise, the customer shall be responsible for the legal risks caused or NovaStar has the right to claim compensation.

Features

- 2x 5G Ethernet ports and 2x 1G Ethernet ports. The EMT200 Pro should be connected after any receiving card or placed between the sending card and receiving cards.

The 5G Ethernet ports are intended for use with 5G devices, while the 1G Ethernet ports are for 1G devices.

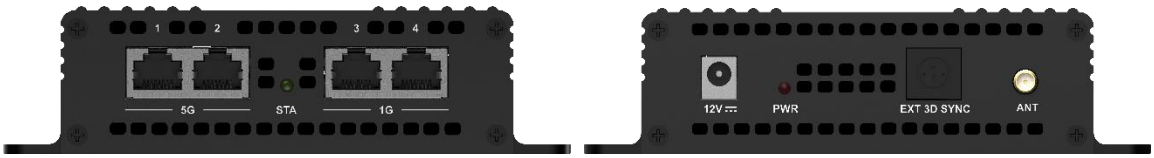
- 1x VESA connector to connect a third-party external emitter.
- 1x antenna connector for enhancing wireless signals.
- 3D glasses connection distance and recommended quantity:

Recommended Max Distance	Recommended Quantity
70m	150 pairs
100m	120 pairs

Note

If the connection distance exceeds 100 meters or you need to connect more than 150 pairs of glasses simultaneously, consider using a third-party signal amplifier.

Appearance



All product pictures shown in this document are for illustration purpose only. Actual product may vary.

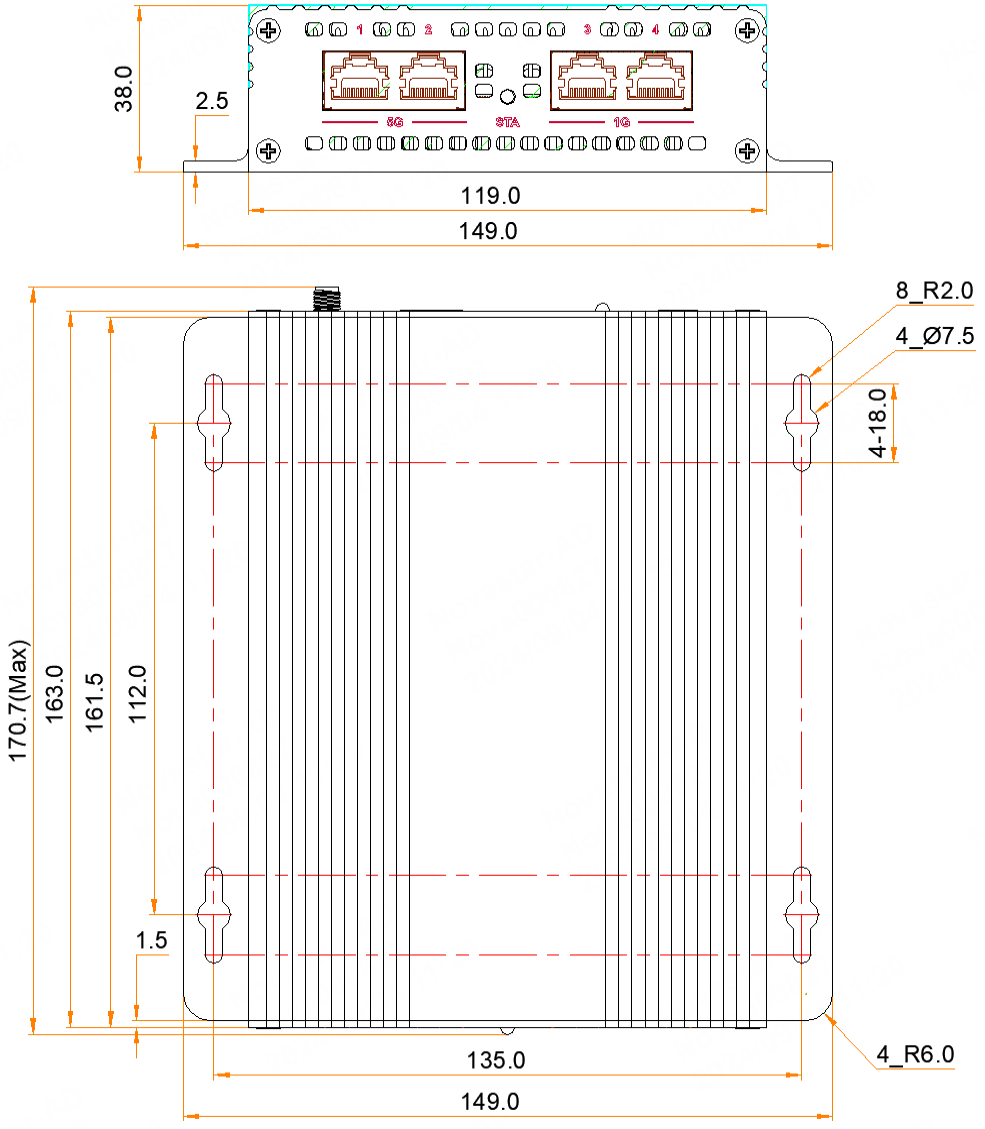
Name	Description
5G	5G Ethernet port for signal input or output.
1G	1G Ethernet port for signal input or output.
12V	For connecting the supplied power adapter.
EXT 3D SYNC	VESA standard connector for connecting a third-party external 3D emitter.
ANT	Antenna connector for connecting the supplied antenna.

Indicator

Indicator	Color	Status	Description
PWR	Red	Always on	The power input is normal.

Indicator	Color	Status	Description
STA	Green	Flashing once every 1s	The EMT200 is functioning normally.
		Flashing once every 3s	The EMT200 has no signal input.
		Always on	A third-party external 3D emitter is connected.

Dimensions



Tolerance: ±0.3 Unit: mm

Specifications

Electrical Specifications	Rated voltage	DC 12 V
	Rated current	0.85 A
	Rated power consumption	10.2 W
Operating Environment	Temperature	–20°C to +40°C
	Humidity	10% RH to 90% RH, non-condensing
Storage Environment	Temperature	–30°C to +50°C
	Humidity	0% RH to 95% RH, non-condensing
Physical Specifications	Dimensions	149.0 mm × 38.0 mm × 170.7 mm
	Net weight	570.8 g
	Gross weight	2.9 kg Note: Gross weight refers to the weight of the product, accessories, and packing materials.
Packing Information	Packing box	387.0 mm × 359.0 mm × 173.0 mm
	Carrying case	361.0 mm × 334.0 mm × 141.0 mm
	Accessories	• 5x pairs of MX50 3D glasses (each pair includes one pair of glasses, one cleaning cloth, and one USB cable) • 1x Power adapter • 1x Antenna • 1x Ethernet cable • 4x Foot pads • 1x Certificate of approval

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Statement

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