EMT200 Pro

3D Emitter

Specifications

Change History

Document Version	Release Date	Description
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 sending cards 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

None

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.
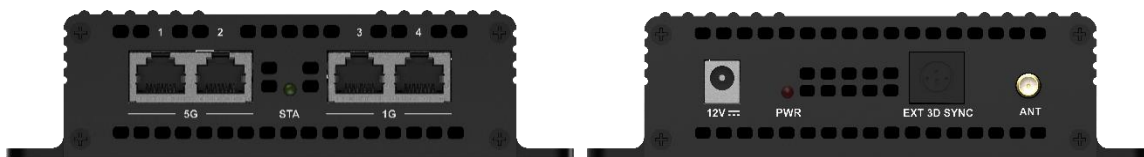
Features

- 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.
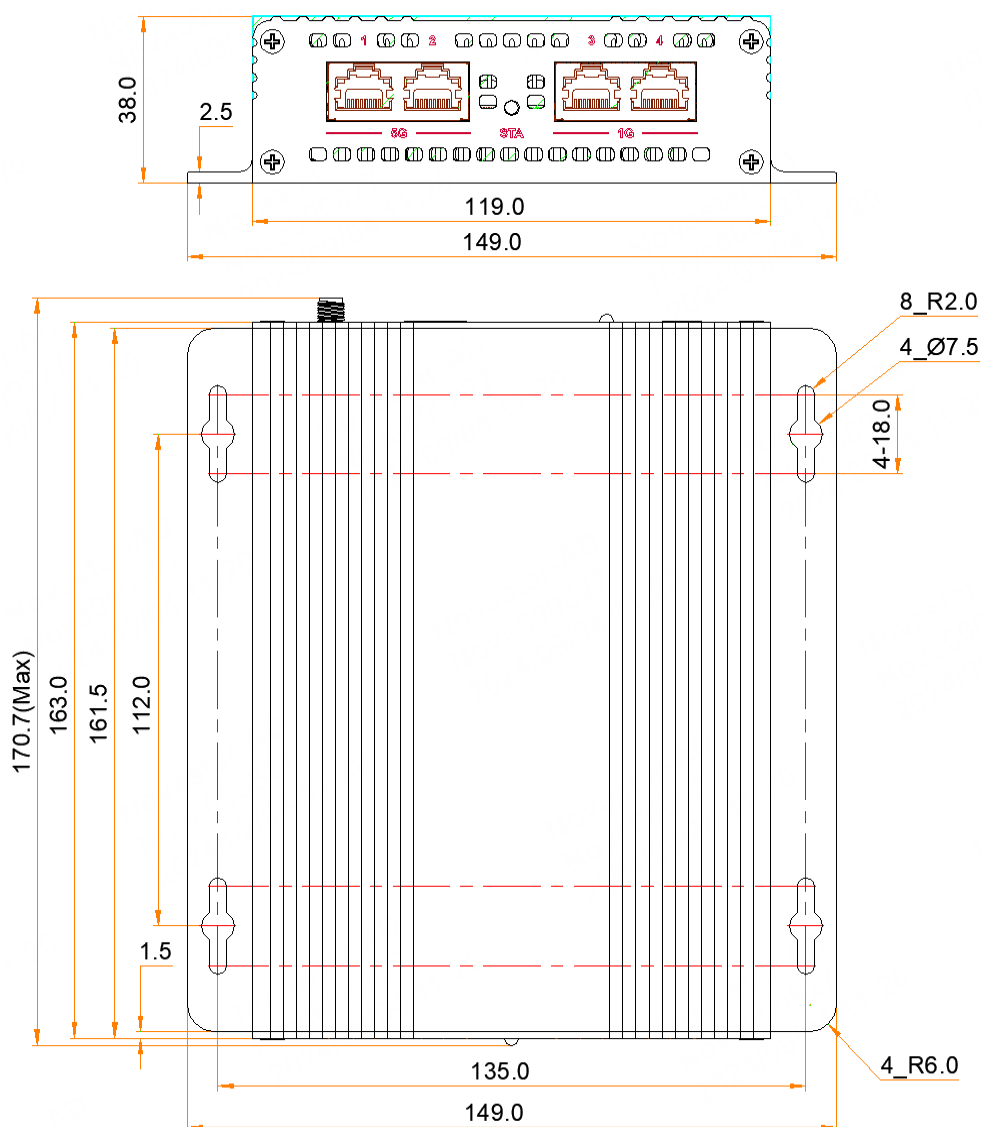
Appearance

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.
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℃ to +50℃
	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	1382.7 g Note: Gross weight refers to the weight of the product, accessories, and packing materials.
Packing Information	Packing box	390.0 mm × 210.0 mm × 110.0 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

Copyright

FCC Warning

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any inte rference received, including interference that may cause undesired operation.

  Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interferenceto radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
-Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

Official website
www.novastar.tech

Technical support
support@novastar.tech

ISED Statement

English: This device complies with Industry Canada license-exempt RSS standard(s).
Operation is subject to the following two conditions: (1) This device may not cause interference, and (2) This device must accept any interference, including interference that may cause undesired operation of the device. The digital apparatus complies with Canadian CAN ICES-3 (A)/NMB-3(A).

‐ French: Le présentappareilestconforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitationestautorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareildoit accepter tout brouillageradi oélectriquesubi, mêmesi le brouillageest susceptible d'encompromettre le fonctionnement.
Cet appareil numérique de la classe A est conforme à la norme NMB-003 du Canada.

Radiation Exposure Statement

This equipment complies with Canada radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Déclaration d'exposition aux radiations

Cet équipement est conforme Canada limites d'exposition aux radiations dans un environnement non contrôlé. Cet équipement doit être installé et utilisé à distance minimum de 20cm entre le radiateur et votre corps.

This radio transmitter [IC:23873-EMT200PRO] has been approved by Innovation, Science and Economic Development Canada to operate with the antenna types listed below, with the maximum permissible gain indicated. Antenna types not included in this list that have a gain greater than the maximum gain indicated for any type listed are strictly prohibited for use with this device.
Cet émetteur radio [IC:23873-EMT200PRO] a été approuvé par Innovation, sciences et développement économique Canada pour fonctionner avec les types d'antennes énumérés ci-dessous, avec le gain maximal autorisé indiqué. Les types d'antennes non inclus dans cette liste qui ont un gain supérieur au gain maximum indiqué pour tout type listé sont strictement interdits pour une utilisation avec cet appareil.

Model	Type	Connector	Peak gain (dBi)				
			2400-2483.5MHz	5150-5250MHz	5250-5350MHz	5470-5725MHz	5725-5850MHz
ZK-2.4G-RP.SMA.J-195	External Antenna	R-SMA Connector	2.00dBi	/	/	/	/