

Booth No. 7A62-12

## EUCAST Co., Ltd.



<b>Year Established</b>	2011	<b>Type of Business</b>	Manufacturing
<b>Website</b>	<a href="http://www.eu-cast.com">http://www.eu-cast.com</a>	<b>Main Export Countries</b>	Japan, USA, India
<b>SNS</b>			
<b>Main Customer</b>	<b>Domestic Customers</b>	<b>International Customers</b>	
	KT, Hanwha System, KEPCO	USA / Israel Juganu, India Wavelet	
<b>The Person In Charge</b>	<b>Name</b>	<b>Department</b>	<b>Position</b>
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### Company Description

EUCAST is a leading force in the advanced wireless access technology and provides end to end wireless access total solutions including Radio Access Network(RAN), Core Network(CN) and Network In a Box (NIB). NIB is a complete network system that is composed of RAN and CN. Use cases of EUCAST products include public safety, military applications as well as nationwide commercial service.

### Product

#### EPNR2000

**Function and Usage :** EPNR2000 is an all-in-one 5G base station integrating CU/DU/RU, 5G Core, and IP-PTT server. It functions as a standalone base station (IOPS), ideal for disaster scenarios or military operations where vehicle access is limited. This compact system provides 5G services in challenging environments, offering high-speed connectivity with peak download speeds of 500 Mbps and upload speeds of 400 Mbps

#### Marketing and Selling Points :

1. Compact and portable: Backpack installation, weighing under 10kg
2. Versatile: Outdoor use (NIB) with IP65 water and dust resistance
3. High-performance: 2T2R MIMO, supporting up to 256QAM modulation
4. Wide temperature range: Operates from -20° C to +50° C
5. Flexible connectivity: 10G Base-X and 2.5G base-T interfaces
6. Advanced synchronization: GPS and IEEE1588v2 support
7. Energy-efficient: Typical power consumption of 110 Watts
8. Future-proof: Compliant with 3GPP Release 16

#### ENS4000

**Function and Usage :** The ENS4000 is a Sub6 5G Outdoor base station designed for n79 (4.7 GHz) band. It provides a service radius of several kilometers, enabling seamless 5G connectivity in outdoor environments. This product is ideal for scenarios requiring extensive outdoor coverage, offering high-speed 5G services across a wide area. Its robust design and advanced features make it suitable for various outdoor applications where reliable 5G connectivity is essential.

#### Marketing and Selling Points :

1. Compliant with 3GPP Release 16 standards
2. Outdoor-specific design for versatile deployment
3. Operates in the N79 frequency band with 100 MHz bandwidth
4. High output power of 40 dBm + 40 dBm
5. 2T2R MIMO technology for improved performance
6. Advanced synchronization with GPS(R-GPS) and IEEE1588v2 support
7. Flexible connectivity options: 2.5G base-T and 10G base-X interfaces
8. Pole mount installation for easy deployment
9. Energy-efficient with max power consumption of 200 Watts
10. Compact size and lightweight (12 kg)
11. Wide operating temperature range (-30° C to +50° C)

