

BN100

HyTalk PMR Gateway

Bridge networks. Get connected.



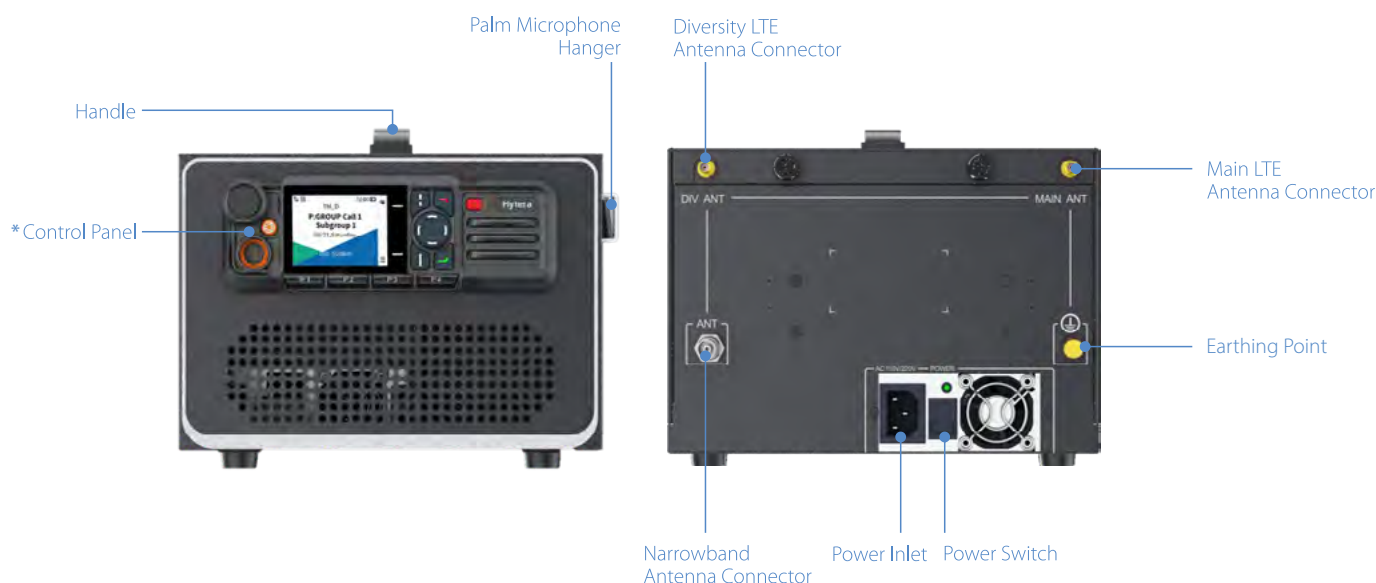
- Enhanced collaboration
- Extended reach
- Ease of use
- Low latency



Overview

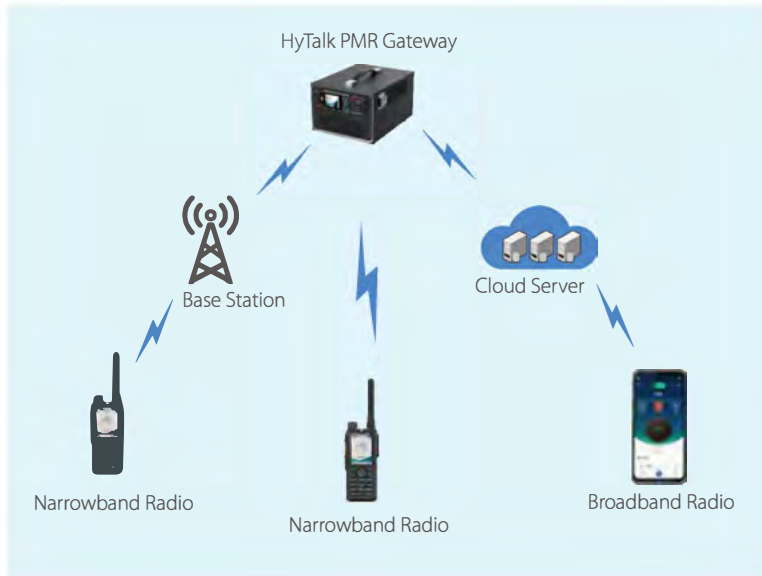
As broadband services increasingly flourish, some industries tend to buy broadband radios as a new communications way. However, PoC radios cannot be connected to the narrowband DMR. We cannot replace all the narrowband radios as it will be a large investment. This is where our HyTalk PMR Gateway will solve this problem for business, public safety, transportation, utilities, and more.

Hytera's New HyTalk PMR Gateway is a cost-effective narrowband and broadband interconnection solution that includes a BN100 voice gateway box. It works with an MNC360 PoC mobile radio and an HM785 digital mobile radio, which need to be purchased separately. It can seamlessly connect narrowband radios and broadband radios and is designed to interwork with public networks while enabling narrowband radios to communicate with each other anywhere.



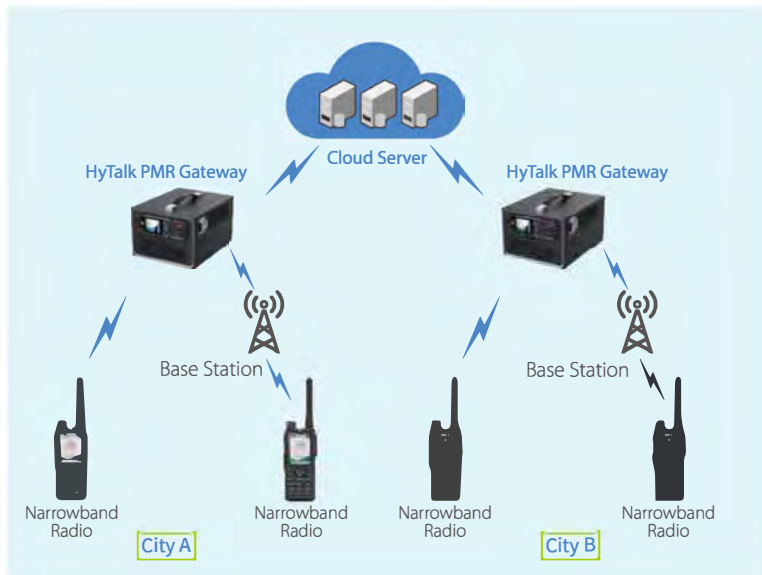
*Disclaimer - Required HM785 VHF & MNC360 (Not Included in BN100)

Key Benefits



Enhanced collaboration

BN100 has enhanced collaboration between narrow-band radios and broadband radios. This enables different user groups to communicate between each other in a unified way and enhance work efficiency.



Extended reach

Utilizing our public network, BN100 can effectively interconnect PMR network in different regions, without investing in building more infrastructure. so any old narrow-band radios can be reused for voice communication.

Ease of use

BN100 is a simple but highly intelligent solution which is also easy to deploy. With the two mobile radios it is very compact and weighs less than 8kg. It is also very easy to transport from one site to another. A large handle on the top of the gateway ensures easy movement.

Low latency Gateway

This solution supports end-to-end connection between the PMR Mobile radio and the POC mobile. This helps to accelerate transmission and reduce audio latency, providing users with smart & fast connectivity.

Application Scenarios



Specifications

General

Dimensions (L x W x H)	288mm x 244mm x 158mm
Weight	No mobile radio: 2.8kg With two mobile radios: 8kg

Connect and Switch

Narrowband Antenna Connector	1
LTE Antenna Connector	2
Power Inlet	1
Power Switch	1
Palm Microphone Connector	1
Input Voltage	100 - 240 V AC

Environmental

Operating Temperature	-20°C to +60°C
Storage Temperature	-40°C to +85°C

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