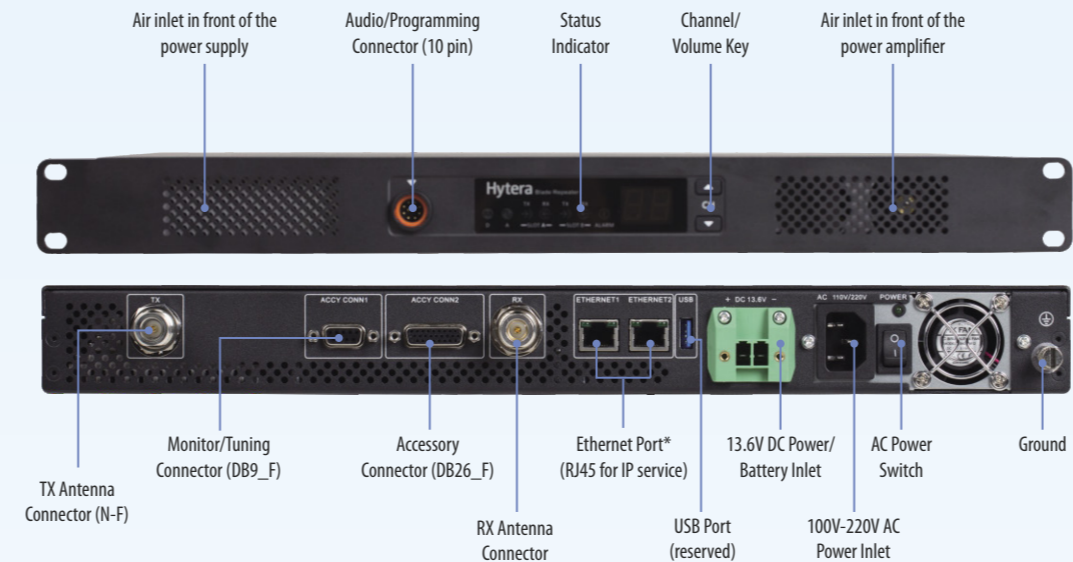


EMPOWER YOUR OPERATION

In order to meet the evolving needs and bring greater value to customers, Hytera continuously evolves and upgrades its products and technologies.

HR1065 improves its functionality and performance while simplifying its network structure and maintenance methods. It has a compact 1U height design, saving installation space, easy for mobile mounting in limited vehicle space. A built-in power adapter supports a 220V AC power supply, providing low deployment cost and an automatic DC/AC power supply switch to easily achieve power backup. The enhanced version adds a co-processor to improve system performance, integrates router and SIP gateway functions, and supports Web-based management, simplifying the network structure and greatly reducing networking and O&M costs.



Connectivity to more applications

* 2nd Ethernet port and USB port are only supported in Enhanced version.



SMOOTH MIGRATION WITH YOUR BUSINESS GROWING

HR1065 series repeaters can be compatible with most Hytera system types: Analogue and Digital Conventional modes, Pseudo trunking mode and DMR Tier 3 trunking system. Whether you want to migrate from analogue to digital mode, or from conventional system to a larger capacity trunking system, HR1065 series repeaters can be unlocked by firmware upgrading and a chargeable license. Simple, smooth and cost-effective.

Customers could purchase HR1065 in conventional mode and upgrade to another mode on demand by license control. This can provide our customer flexible purchase policy and protect the investment on devices.

GENERAL HIGHLIGHTS



Economical Structure

The 1U height of HR1065 makes it compact, reducing space requirements for installation which is quite helpful especially when deploying the repeater in vehicles with limited space such as an SUV.



AC/DC Auto Switch

The HR1065 is equipped with a built-in power adapter that supports 100-220V AC. It also supports connection of a back-up battery which can be connected to the DC input port. The repeater can charge the backup batteries during AC operation and will switch automatically to these if the AC power supply fails to maintain uninterrupted repeater operation.



Analogue & Digital Auto Switch

HR1065 can support mixed channel mode to detect the receiving signal, then automatically switch between analogue and digital mode. This feature offers the compatibility with analogue terminals and an easy way to migrate to digital from analogue to protect legacy investment of devices.



Wide Coverage

The communication range of HR1065 series is extended with enhanced Rx sensitivity. And the Ethernet port enables access to IP networks, which provides the capability for the HR1065 to connect everyone and everywhere.

Users can connect multiple repeaters through IP interfaces to cover larger areas

ENHANCED VERSION HIGHLIGHTS

HR1065 series repeater has two hardware variants, a standard version and an enhanced version. The customer can easily upgrade the standard version to the enhanced version by adding a co-processor board and software upgrade. These variants offer more options for customers according to their actual needs.

In addition to all the general features which are supported by the standard version, the enhanced version brings more advanced features described below.

**The standard version can be easily upgraded to enhanced version with an add-on co-processor module board.*



WEB-based Management

In the enhanced version a web-based back end platform has been designed to simplify repeater management.

Configuration, upgrade and real-time diagnosis can all be completed through a web browser, which is ideal for remote management.



Integrated SIP gateway

The enhanced version of HR1065 is integrated with router and SIP gateway features. Less devices and simplified management. It offers a cost-effective solution for your network construction.



High Security

The enhanced version supports SNMP V3 which is used to manage the repeater from NMS. SNMPV3 use authentication and encryption algorithms to enhance communication security and protect all the data between the repeater and NMS.