Specification

General

Frequency range

Channels

Channel spacing

Working voltage

Current

Antenna impedance

Working tempereture

Dimension

Weight

Transmitting

Power output

4FSK modulation

Frequency stability

Spurious emission

Adjacent channel power

Bandwidth

Vocoder

Receiving

Sensitivity

Adjacent channel selectivity

Intermodulation rejection ratio

Anti interfere of spurious wave

Blocking

Audio output power

Max audio output power

BelFone reserves the right to change any specifications without warning due to the technology improvement.For more information, please visit www.belfone.com or contact marketing@bfdx.com





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Luojiang, Quanzhou, Fujian, China 36200 Tel: +86 595 28396717 Fax: +86 595 22771635 Email: overseas@bfdx.com Website: www.belfone.com

VHF:136-174MHz UHF:350-390MHz 400-470 MHz
99
12.5KHz
DC13.8V(±15%)
<12A
50Ω
-30 °C ~+60 °C
483*340*88 mm
9.7kg
50W
4K00F1E
≤±0.5ppm
-36 dBm≤1GHz/-30 dBm≥1GHz
≥65dB
30MHz
AMBE+2™
3%BER≤0.35uV
≥70dB
≥70dB
≥70dB
≥95dB
2W(8Ω)
10W(8Ω) external
ISO 9001:2008





BFRT7500DMR Repeater

BF-RT7500 is a DMR high power repeater with IP connection. It has multi working mode (simplex, duplex and repeat) allow Analog users communicate with the digital users and vice versa. 50W maximum repeating power increases the system coverage with less setup equipments. BF-RT7500 supports two simultaneous voice or data paths in digital mode, doubling capacity without additional equipment.

GBFDX

DIGITAL REPEATER



Multi working mode (simplex, duplexer and repeat)

(3)

- Access authentication
- Good heat dispersion
- 50W maximum repeating power
- Support Simulcast connection
- Two asimultaneous voice or data paths in digital mode













BF-RT7500

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F1 F2 F3

Features



Main Features

- Channel Scaning
- Monitor
- High/Low Power Switchable
- Access Authentication
- Color Code
- High/Low Power Switchable
- Radio Check

High Lights

Simulcast connection support

Support simulcast connection via a RJ45 interface for multi site connection and remoted control

Access authentication

Only access authenticated radio which confirm discreet communication and prevent you from interference of others

Good heat dispersion

Quick heat dissipation, enabling the repeater to work normally even with full power



Multi voice calling (private call, group call and all call)

Versatile communication method, flexible for dispatching

50W maximum repeating power

Support maximum repeating power of 50W, and thus increasing the system coverage with lesser setup equipments.

Multi working mode

Enable work in simplex, duplexer and repeat mode

Repeater Equipment for Two Channel FDMA

	(CAD)
	Duplexer
Repeater	
Repeater Equipment for	Two Channel DMR

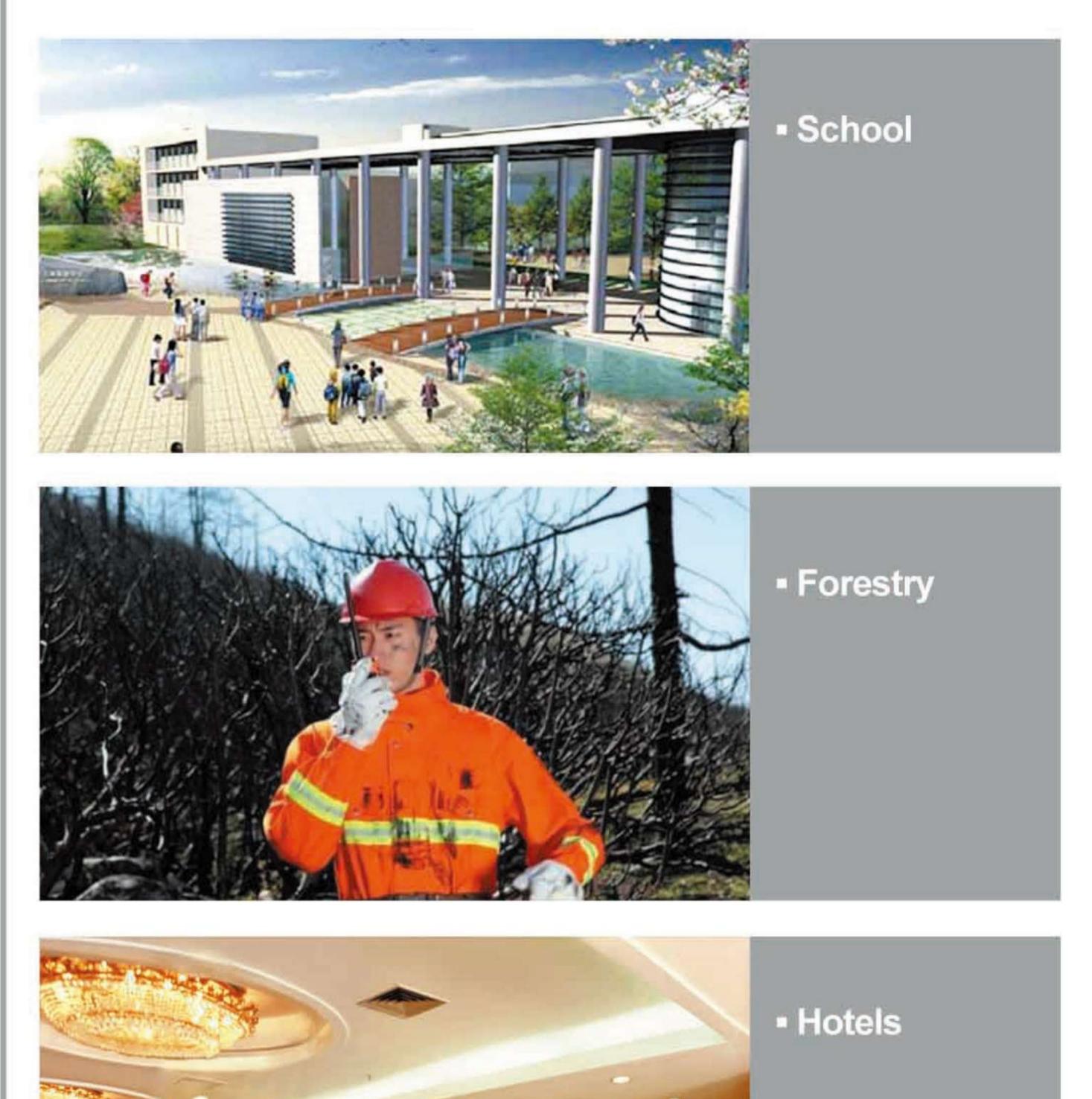
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		(A
Multi-coupler		Duplexer	5
Repeater 1	Power Amp 1		
Repeater 2	Power Amp 2	Combiner	

Repeater Equipment for Two Channel FDMA

Applications

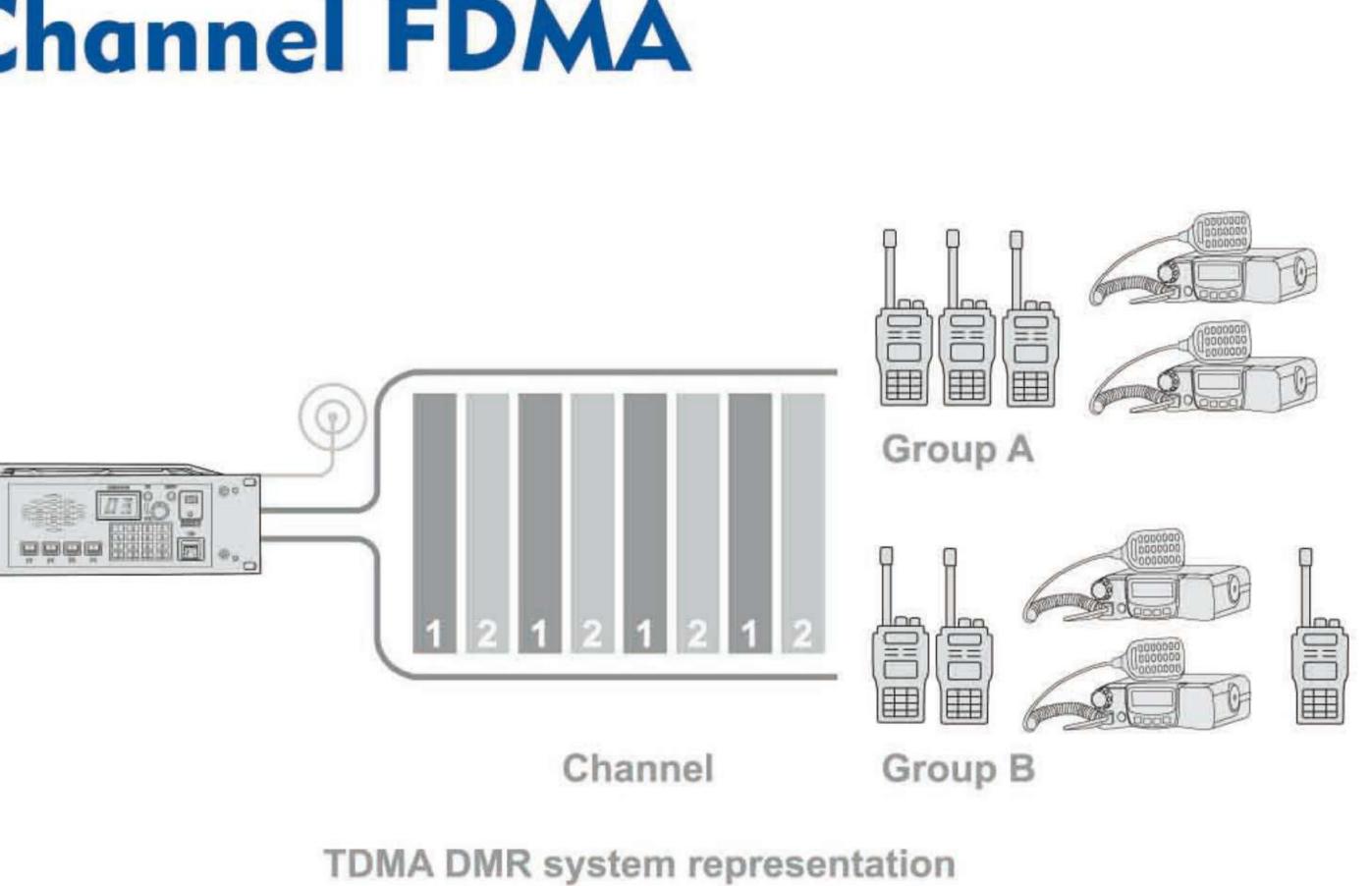


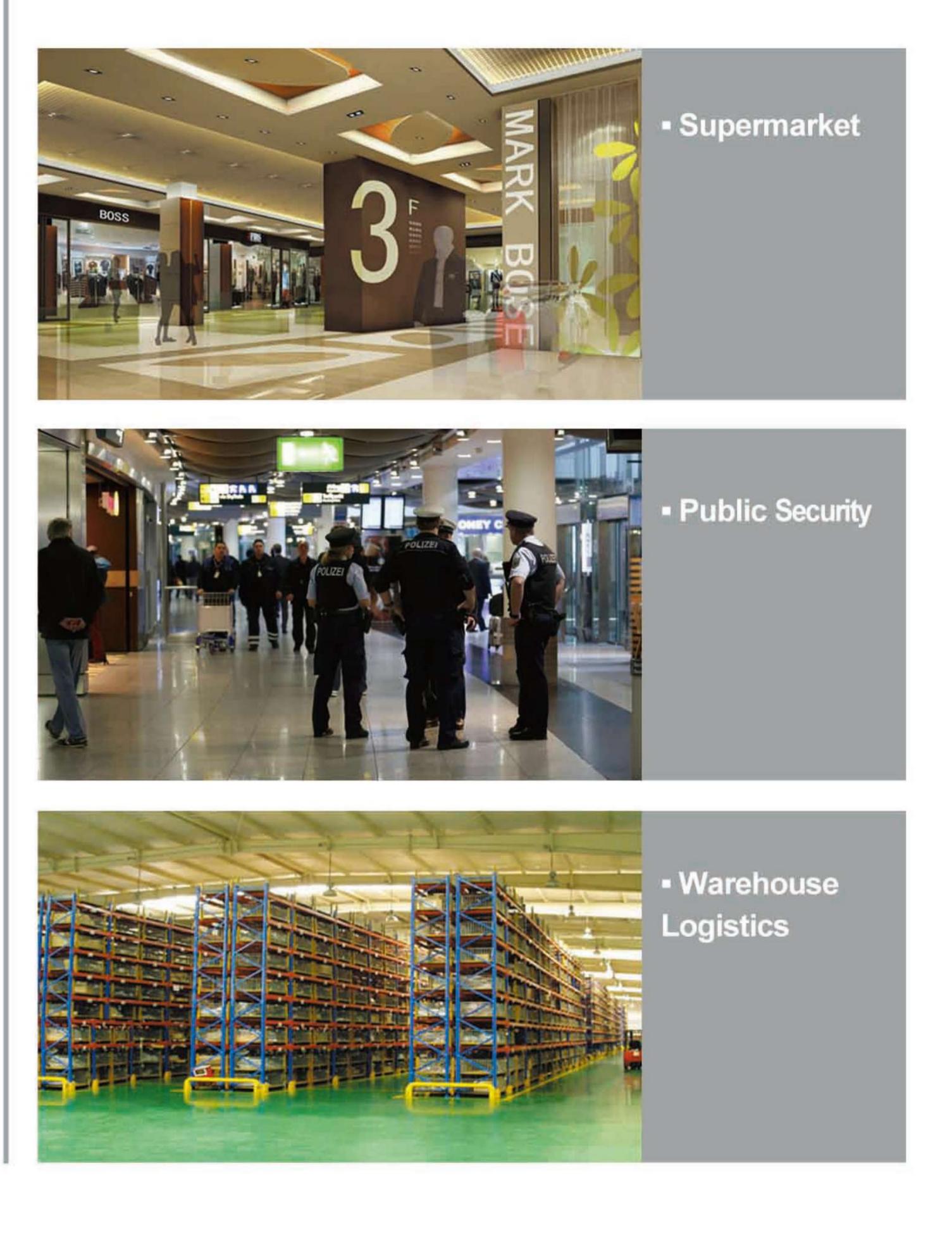




Antenna Connector

DC Power Supply Cord





Optional Accessories





Ø 40

Program Cable