



66-88 Mhz
136~174 Mhz
400~470 MHz



DV-2066
DV-2135
DV-2400
DMR repeater specification



Repeater turn on/off
Good heat dispersion
DMR repeater specification

TDMA 2 time slots work on one digital repeater
equal to two analog repeater
TDMA 2 time slots save the frequency resources, a pair of
frequency equal to two pairs frequency of the analog repeater

Signal Strength Repeater Control

Using the advanced circuit technology and modules structure technology, provides a full frequency coverage of high performance, high reliability and stability of the wireless transceiver functions.

Can be configured according to customers requirement.

- Analog/Digital
- Output Power(High/Low)/Channel available
- Repeater turn on/off/Restart Repeater
- Switch transmitted power(High/Low)



for Reliable Quality





DV-2066; DV-2135 DV-2400

DMR repeater specification

Features

- TDMA 2 time slots work on one digital repeater equal to two analog repeater
- TDMA 2 time slots save the frequency resources, a pair of frequency equal to two pairs frequency of the analog repeater
- Analog/Digital/Output Power(High/Low)
- Channel available/Channel field strength
- Repeater control/Repeater turn on/off
- Switch transmitted power(High/Low)
- Restart Repeater/can be configured according to the requirements of customers

General

Model	PRT-R2000
Channel Capacity	16
Typical RF Output	25-40 W
Frequency	66-88MHz/ 136-174 Mhz / 400 - 470 MHz
Dimensions (H x W x D)mm	484x295x134
Operating Voltage	220V
Weight	12kg
Operating Temperature Range	-20°C+60°C
The maximum duty cycle	100%

Receive

Frequency	
Channel Spacing	12.5 kHz
Frequency Stability	(-20° C+60° C+25° C) +/- 0.5 ppm
Analog Sensitivity	0.3 uV (12 dB SINAD) / 0.4 uV (20 dB SINAD) / 0.22 uV
Digital Sensitivity	5% BER: 0.3 uV
Adjacent Channel Selectivity	60 dB @ 12.5 kHz
Audio Distortion @ Rated Audio	3%(Typical)
Hum and Noise	-40 dB @ 12.5kHz
Audio Response	+1、-3 dB
Conducted Spurious Emission	-57 dBm

Transmit

Frequency	
Channel Spacing	12.5kHz/25kHz
Frequency Stability	+/- 1.5 ppm
Output Power	25-40W / 25-45W
Modulation limit	+/- 2.5kHz @ 12.5kHz
FM Hum and Noise	-40 dB @ 12.5kHz
Conducted/Radiated Emission	-36 dBm < 1GHz / -30 dBm > 1GHz
Adjacent Channel Power	-60 dB @ 12.5kHz
Audio Response	+1、-3 dB
Audio Distortion	3%
FM Modulation System	12.5 kHz; 11K0F3E /
4FSK Digital Modulation	12.5kHz data only ; 7K60FXD / 12.5kHz data and voice ; 7K60FXE
Digital type of vocoder	AMBE+2
Digital Protocol	ETSI-TS102 361-1