



Specifications

General		
Frequency Range	UHF:400-470MHz	VHF:136-174MHz
Channel Capacity	16	
Operating Voltage	AC 110~240V 50/60Hz	
Channel Spacing	25kHz/20kHz/12.5kHz	
Antenna Impedance	50 Ω	
Dimensions(H×W×L)	132.5 × 482.5 × 296.5mm	
Current Drain Standby	<0.9A	
Current Drain Transmit	<12A	

Receiver	
Analog Sensitivity	0.22μV (12dB SINAD) 0.25μV (Typical 12dB SINAD) 0.3μV (20dB SINAD)
Digital Sensitivity	0.25μV/BER5%
Adjacent Channel Selectivity	65dB
Intermodulation	70dB
Spurious Response Rejection	80dB
Blocking	90dB
Conducted Spurious Emission	≤-57dBm
Audio Distortion	≤3%
Audio Response	+1~-3dB

Transmitter	
Tx Power Output	UHF High Power:45W / Low Power:25W VHF High Power:50W / Low Power:25W
Modulation Limiting	≤2.5kHz @ 12.5kHz / ≤4.0kHz @ 20kHz / ≤5.0kHz @ 25kHz
Conducted/Radiated Emission	<-36dBm(<1GHz)/<-30dBm(>1GHz)
Adjacent Channel Power	60dB @ 12.5kHz / 70dB @ 20/25kHz
Audio Response	+1~-3dB
Audio Distortion	≤3%
Frequency Stability	±1.0ppm
FM Modulation	11KΦF3E @ 12.5kHz / 14KΦF3E @ 20kHz / 16KΦF3E @ 25kHz
4FSK Digital Modulation	12.5kHz Data Only: 7K60FXD 12.5kHz Data & Voice: 7K60FXW
Digital Vocoder Type	AMBE 3000
Digital Protocol	ETSI-TS102 361-1

Environmental Specifications	
Operating Temperature	-30℃~+60℃
Storage Temperature	-40℃~+85℃
ESD	IEC 61000-4-2 (Level 4) ±8kV (Contact) ±15kV (Air)

All specifications are tested according to applicable standards and subject to changes without notice due to continuous development.



HQT TI OMAP SERIES PRODUCTS

DR-9200



HQT TI OMAP SERIES PRODUCTS

DR-9200

Support Both Analog and Digital Modes

Support Trunking Extensions



IP Multi-site Connect

Adopt TDMA Digital Technologies

Main Functions

- **Analog or Digital Mode**
Operates in analog or digital mode – LED indication mode;
- **100% Continuous Full Duty Cycle at High Power**
- **Integrated Power Supply**
- **Multiple Installation Methods**
DR-9200 is rack- or wall-mountable and can be put on a table/desk;
- **TDMA Technology**
DR-9200 adopts TDMA technology which enables two channels to be used on the same radio frequency at the same time;
- **IP Multi-site Connect (Optional)**
Digital solutions extend the coverage of DR-9200 communication system to the users located anywhere in the globe by Internet to greatly improve the customer service and productivity;
- **Trunking Expansion**
DR-9200 supports expandable digital trunking solutions with single base station, which expands its communication capacity to more than 1,000 two-way radio users without adding new frequencies;
- **More Secure Communication**
With advanced digital technologies, DR-9200 can provide not only common encryption for analog radios, but also more advanced digital encryptions to ensure more private communications;
- **Customizable**
DR-9200 allows developing and customizing applications for users to meet various and specific requirements.

Accessory List

Standard Accessory	Optional Accessory
Power Cable	Antenna

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