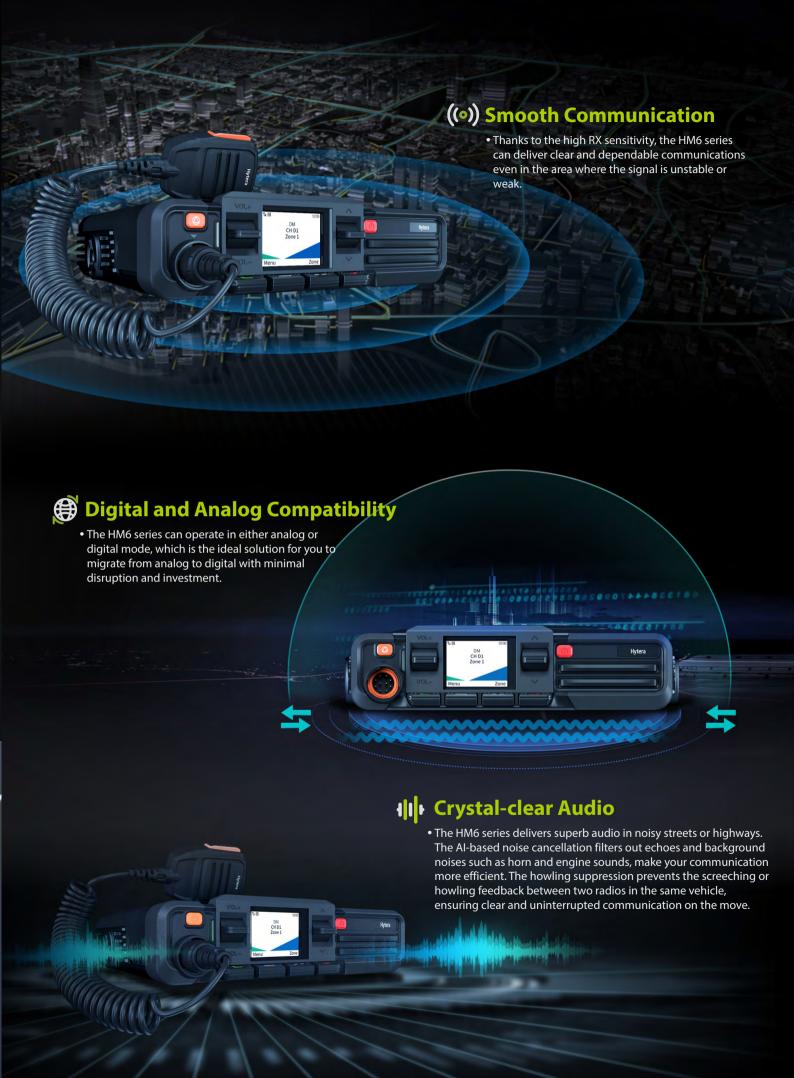
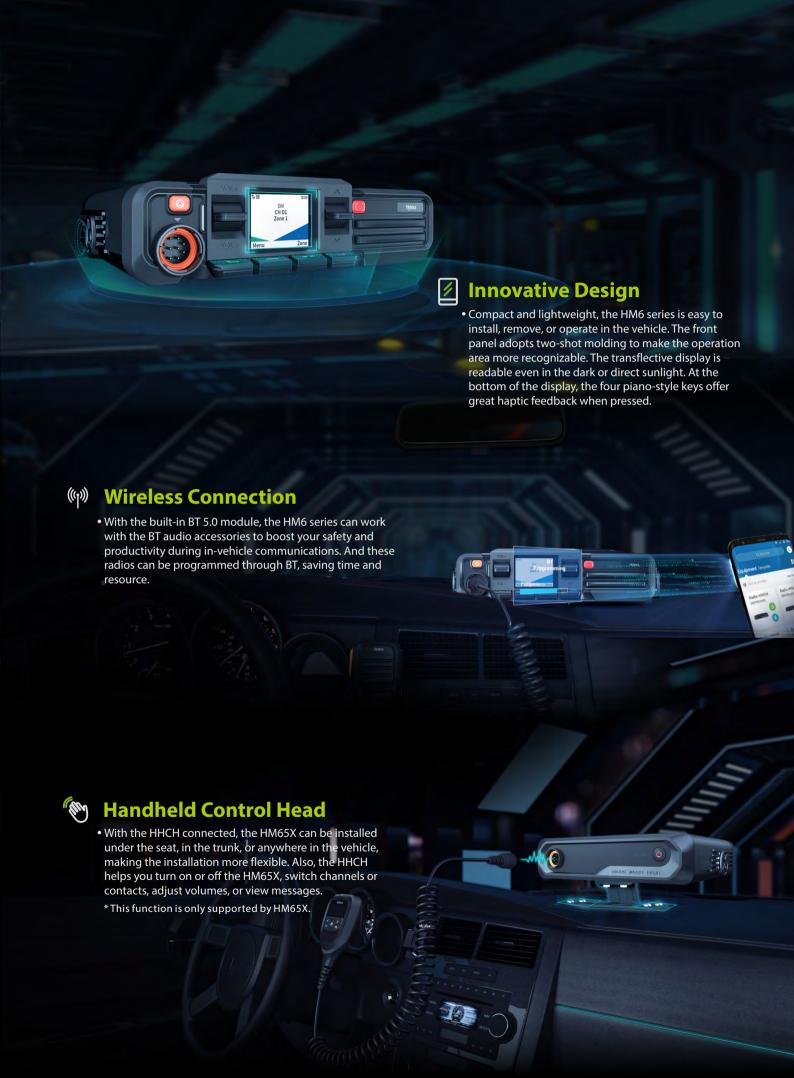


The Hytera HM6 series is a new generation of entry-level professional DMR mobile two-way radios designed to provide reliable voice and data communications in mobile devices anytime, anywhere. You can stay connected with your teammates wherever the action takes you. The HM6 series is your best partner in transportation, business, utilities, and more.

Compact and lightweight, the HM6 series is easy to install. Thanks to the handheld control head (HHCH), you can install the radio unit anywhere in your vehicle such as in the trunk and still control the radio. With the ergonomic design, the four piano-style buttons make operations effortless. The Al-based noise cancellation ensures the HM6 series to deliver superb clear audios without ambient noise. With the higher RX sensitivity, the HM6 series provides you smoother communication. The built-in BT 5.0 module enables you to use various BT audio accessories and program the HM6 series conveniently without the hassles of cables.









APPEARANCE



SPECIFICATIONS

Frequency Range	UHF: 400~470MHz VHF: 136~174MHz
Channel Capacity	512
Zone Capacity	16
Channel Spacing	12.5kHz/20kHz/25kHz
Operating Voltage	13.6V+15%
Operating voltage	1000
Current Drain	Standby: <0.5A
	Receive: <2.0A
	5W: <4A Transmit 25W: <8A
	45W: <12A
Frequency Stability	±0.5ppm
Antenna Impedance	50Ω
D: . (II) W D)	HM68X:164 x 159 x 42 mm
Dimensions (H x W x D)	HM65X:164 x 154 x 42 mm
	HM68X: 1150q
Weight	HM65X : 1100g
LCD Display(only HM68X)	1.45", 6Line
RECEIVER	1.45 , OLITIE
RECEIVER	
Sensitivity	Analog 0.18µV (12dB SINAD)
	0.16μV (12dB SINAD) (Typical)
	Digital 0.18μV/BER5%
Selectivity	TIA-603: 65dB@12.5kHz / 75dB@20/25kHz
	ETSI: 60dB@12.5kHz / 70dB@20/25kHz
Inter-modulation	TIA-603: 75dB@12.5/20/25kHz
	ETSI: 70dB@12.5/20/25kHz
Spurious Response Rejection	TIA-603: 75dB@12.5/20/25kHz
	ETSI: 70dB@12.5/20/25kHz
	TIA-603: 90dB
Blocking	ETSI: 84dB
Hum and Noise	40dB@12.5kHz; 43dB@20kHz; 45dB@25kHz
Rated Audio Power Output	Internal (20 Ohm load): 3W
	External (8 Ohm load): 6W
Max Audio Power Output	Internal (20 Ohm load): 7.5W
	External (8 Ohm load): 20W
Rated Audio Distortion	≤3%
Audio Response	+1 to -3dB
Conducted Spurious Emission	<-57dBm
TRANSMITTER	
RF Power Output	Low power: 5-25W
iii i owei output	High power:5-45W
FM Modulation	11K0F3E@12.5kHz
	14K0F3E@20kHz
	16K0F3E@25kHz
4FSK Digital Modulation	12.5kHz Data Only: 7K60FXD
	12.5kHz Data and Voice: 7K60FXW
Conducted/Radiated Emission	-36dBm<1GHz;-30dBm>1GHz
Modulation Limiting	±2.5kHz@12.5kHz; ±4.0kHz@20kHz; ±5.0kHz@25kHz
FM Hum & Noise	40dB@12.5kHz; 43dB@20kHz; 45dB@25kHz
Adjacent Channel Power	60dB@12.5kHz; 70dB@20/25kHz
Audio Response	+1 to -3dB
Audio Distortion	≤3%
Digital Vocoder Type	AMBE+2™
ENVIRONMENTAL	- · -
Operating Temperature	30°C 160°C
	-30°C~+60°C
Storage Temperature	-40°C~ +85°C
ESD	IEC 61000-4-2(Level 4)
	±8kV (Contact); ±15kV (Air)
American Military Standard	MIL-STD-810H
Dustproof & Waterproof	IP54
Humidity	Per MIL-STD-810H Standard
Shock & Vibration	Per MIL-STD-810H Standard
GPS	
GNSS	GPS, GPS+BDS
TTFF (Time To First Fix) Cold Start	
	<1minute
TTFF (Time To First Fix) Hot Start	<10seconds
Horizontal Accuracy	<5meters

ACCESSORIES



• Remote Speaker Microphone Without Display(HM68X)



Power Cord



 Remote Speaker Microphone With Display(HM65X)



Mounting Bracket Kit



• GNSS Antenna (For radio with the GNSS feature)



Ignition cable



External power supply



• Bluetooth remote speaker microphone



 Back to back data cable



External Speaker



• DB26 Programming and data Cable



Antenna



USB Programming/ downloading firmware upgrading cable



Optional



Hytera Communications Corporation Limited

Stock Code: 002583.SZ

Address: Hytera Tower, Hi-Tech Industrial Park North, 9108# Beihuan Road, Nanshan District, Shenzhen, P.R.C

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