HM-DM1 Dual-Mode Radio

DMR + 4G Dual-Mode Radio

The dual-mode platform for operations that outgrow a single site: the radio stays on DMR while crews are inside, then falls back to 4G POC when they leave coverage - same talk group, same PTT habit.

MOQ 50 PCS | OEM AVAILABLE





Product image - replace with production photo

SPECIFICATIONS

Modes	DMR Tier II + 4G LTE POC, automatic bearer switching
Frequency (DMR)	UHF 400-470 MHz
Network (4G)	LTE Cat.4, global band variants
RF power	5 W / 1 W (DMR)
Display	2.4" colour TFT, 320 x 240
Dimensions	136 x 62 x 36 mm
Weight	285 g with battery
Battery	3000 mAh Li-ion, 16 h mixed duty
Positioning	GPS + BeiDou
Encryption	AES-256 (DMR), platform encryption (4G)
Bluetooth	BT 5.0 for headsets and programming
Ingress protection	IP67
Antenna	Dual antenna - DMR whip plus 4G stub
MOQ	50 pcs (OEM from 300 pcs)
Warranty	18 months

KEY FEATURES

Automatic fallback

Signal-strength and GPS rules decide which bearer carries the call - the user just presses PTT.

One talk group, two bearers

Group IDs are mapped across DMR and the POC platform so a mixed fleet hears the same conversation.

Tender-grade security

AES-256 on DMR; platform-side encryption and device binding on 4G.

Colour dispatch view

2.4" display shows caller ID, group, bearer in use and remaining battery at a glance.

TYPICAL APPLICATIONS

Logistics & distribution | Multi-site security | Utilities & field service | Municipal operations

ORDERING & COMPLIANCE

Minimum order	50 pcs (OEM from 300-500 pcs depending on scope)
Warranty	12 months (18 months on DMR / dual-mode platforms)
Documents	CE, FCC, RoHS, REACH, UN38.3 and MSDS available per model
Terms	FOB Quanzhou standard; CIF and DDP on request
Payment	30% deposit, balance before shipment; L/C at sight above USD 50,000

QUOTATION & SAMPLES

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