

The PDC550 is a smart PoC radio which enables the collaboration of multiple communication modes including broadband and narrowband networks as well as public and private networks in various scenarios. Now available in UHF and VHF variants.



Specifications

General	
Memory	3 GB RAM+32GB ROM expandable memory (maximum 128 GB)
Dimensions	155mm x 75mm x 21.5mm
Weight	375g (including battery, antenna and back clip)
Screen	5.0-inch HD touch screen, 1280 x 720 resolution
Cameras	Rear 13 mega-pixel camera + front 5 mega-pixel camera
Card Slots	3,2 *Nano SIM card slot,1 *Micro SD card slot
WLAN	2.4 GHz, 802.11b/g/n
Sensors	Gravity sensor, compass, distance sensor, optical sensor
Locating	GPS/AGPS/GLONASS/Galileo/BeiDou (shared for broadband and narrowband networks)
Bluetooth	BT 4.1 (shared for broadband and narrowband networks)
NFC	Available (Payment is not supported)
External Interfaces	Hytera dedicated 13-pin interface, charging interface for charger, Antenna interface (SMA interface, shared with Td5)
Key	5: 1*PTT, 2*programmable key, 1*alarm key, 1*power key
Battery	Standard 2400mAh/optional 3500mAh, 7.4V
Charging Mode	Charging with charger, 2A charging
Flashlight	Available
Volume Knob	Available (shared with the channel knob)
TX Power	UHF: High power 4W/Low power 1W
Certification	
Certification	CE/FCC/MIL-STD-810G
Audio, Video and Image	
Microphone	3 mics. Dual-microphone noise suppression
Speaker	Rated power: 1W, Max: 2.5W
Video Shooting	1080P,30fps
Video and Image Format	H.263, P0, H.264, BP/MP/HP, MPEG-4, SP/ASP, DivX, 4x /5x/6x, VP8, VP9, H.265, JPG, GIF, BMP, PNG, WEBP
Audio Format	Mp3, aacPlus, eAAC, AMR-NB, AMR-WB, G.711, Windows Media Audio, (WMA) 9/10Pro
Environmental	
Operating Temperature	-20°C~ +60°C
Storage Temperature	-30°C ~+70°C
Environmental Protection Requirement	RoHS/REACH
ESD	IEC 61000-4-2 (level 4);±8kV (contact discharge);±12kV (air discharge)
Dust and Water Proof	IP68
Anti-fall	1.2m
Network	
DMR Network	UHF: 400-470MHz
Public Network	Europe & Asia-Pacific & Africa & South Korea GSM: 850/900/1800/1900MHz TD-SCDMA: B34/B39 CDMA: BC0, WCDMA: B1/B3/B5/B8 TDD-LTE: B38/B39/B40/B41 FDD-LTE: B1/B3/B5/B7/B8/B20/B26/B27/B28 America GSM:850/900/1800/1900MHz WCDMA:B2/B4/B5, TDD-LTE: B38 FDD-LTE: B2/B3/B4/B5/B7/B12/B13/B17/B26/B28

All technical information was determined at the factory and in accordance with the corresponding standards. Subject to change on the basis of continuous development.

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