



**SANCHAR**

WIRELESS COMMUNICATIONS LTD.

# SCM-920D

## VHF/UHF Digital Mobile

- DMR 2-Slot
- In-Built GPS
- 1.77" TFT Screen
- Bluetooth (Optional)
- Password Protection
- Voice Recording (Optional)
- Operate in Analog or Digital Mode
- Private Call / Group Call / All Call
- Capable of being Killed / Unkilled
- AES256 Encryption (Option for SAG Approved Board)



**SCM-920D** portable Digital Base Station has superior audio quality, outstanding coverage, more connects your workforce efficiently and has the flexibility to grow with your business. **SCM-920D** portables provide the features and performance needed for a wide range of workplaces. Whatever your needs, **SCM-920D** provides a simple, reliable, cost-effective communication solution to help work crews connect, coordinate and collaborate to get the job done right. Improve the efficiency of your operation with easy-to-use voice communication.



MAKE IN INDIA

# SCM-920D

## VHF/UHF Digital Mobile



### Specifications

GENERAL		
TX Frequency Range		VHF 136 - 174 MHz / UHF 400 - 470 MHz
RX Frequency Range		VHF 136 - 174 MHz / UHF 400 - 470 MHz
Channel Spacing		25KHz / 12.5KHz
Antenna Impedance		50 $\Omega$
Usable Temperature Range		-30°C ~ +60°C
Power Supply		10.8 V to 15.6V DC
Grounding Method		Negative Ground
Current	Transmit (Max.)	10A or less
	Receive (Max.)	1.0A or less
Frequency Stability		$\pm 0.5$ ppm
Weight		Less than 1.5 kg
Number of Channels		4000

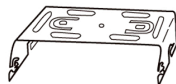
TRANSMITTER	
RF Power Output	VHF 25 W / UHF 20 W
FM Modulation	4 FSK Digital Modulation
Audio Distortion	Less than 3% @ 1 KHz
Hum and Noise	-45 dB @ 25 KHz
Audio Response	+1, -3dB
Digital Vocoder	AMBE + 2

RECEIVER	
Sensitivity Analog	0.20 $\mu$ V @ 12 dB SINAD
Sensitivity Digital	0.18 $\mu$ V with BER $\leq 5\%$
Adjacent Channel Selectivity	Better than 60dB
Intermodulation	Better than 70dB
Spurious Rejection	Better than 60dB
FM Noise	-40 dB
Rated Audio Power Output	3W
Rated Audio Distortion	$\leq 3\%$

### Standard Accessories



Microphone



Mounting Bracket



DC Power Cable with  
Fuse Holder



Hardware kit for bracket  
Hexagon SEMS screws  
(M4x8mm) 4pcs



Self-Tapping screws  
(M5x20mm) 4pcs



Flat washers / Spring  
washers

Marketed: Dealer/Distributor