

**Product Name :**  
Software Defined Radio (SDR)

**Product Code :**  
SH184



**Description :**

Software Defined Radio (SDR)

**Technical Specification :**

Software Defined Radio (SDR)

SDR with the flexibility of having a number of variants which could be platform mounted (aerial, ship based or vehicle mounted), man pack or hand held. The objective was to develop a family of fully indigenous Software Defined Radio Communication systems and help to reduce costs in providing the armed forces with access to ubiquitous wireless communications - enabling them to communicate with whomever they need, whenever they need to and in whatever manner is appropriate.

Application program, with integrated ANT500 & SMA Antenna Adapter Bundle

1 MHz to 6 GHz operating frequency

Half-duplex transceiver

Up to 20 million samples per second

8-bit quadrature samples (8-bit I and 8-bit Q)

Compatible with GNU Radio, SDR#, and more

Software-configurable RX and TX gain and baseband filter

Software-controlled antenna port power (50 mA at 3.3 V)

SMA female antenna connector

SMA female clock input and output for synchronization

Convenient buttons for programming

Internal pin headers for expansion

Hi-Speed USB 2.0

USB-powered

## Naugralabequipments

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