



SMART HYBRID HANDHELD RADIO

#PublicSafetyCommunication



aselsan



SMART HYBRID HANDHELD RADIO

HYBRA DMR3810 Smart Hybrid Handheld Radio, is designed for wideband data transmission requirement of mission critical service users.

HYBRA DMR3810 Smart Hybrid Handheld Radio provides ease of integrity on a single device enabling standard radio mission critical services and smartphones applications such as messaging, AVL, navigation, video call/video transmission.

Dual SIM card support enables to operate in both proprietary closed LTE network and commercial GSM networks.

Applications

- Radio management and messaging (MC-PTT, MC-Data, MC-Video)
- Query for criminal record or etc. (ID, driver license, passport scanning via NFC receiver or camera)
- AVL / navigation
- Mobile device management

Wideband

- 4G LTE Band 3,7,20,28
- 3G
- 2G
- Downlink 64-QAM, Uplink 16-QAM

VHF/UHF Radio

- DMR tier 2 conventional
- DMR tier 3 trunk
- APCO P25 conventional
- APCO P25 trunk
- 5 watt RF output power
- VHF 136-174 MHz or UHF 380-470 MHz

Technical Properties

- USB2.0 support
- SD card support
- Gorilla glass 3 display
- Android operating system
- 4 inch, 800x480, gorilla glass screen
- Dual SIM card
- IP67
- 13 MP front and rear camera
- Wi-Fi 802.11 a/b/g/n/ac
- Bluetooth 5.0
- NFC
- GNSS (GPS + GLONASS + BeiDou)
- 2800 mAh, 7.5 V battery
- PTT (push-to-talk) key
- Emergency call key
- Dual microphone
- Dual speaker
- 1 Watt audio output power
- Light sensor
- Proximity sensor
- Gyroscope
- Accelerometer
- Barometer
- Magnetometer
- Dimension (HxWxD): 153 mm x 70 mm x 29 mm
- Weight: 450 gr (battery included)
- Operating temperature: -20°C / +50°C
- Storage temperature: -30°C / +70°C

Specifications are subject to change without any notice. | All tolerances are within $\pm 10\%$.