



SMART HYBRID HANDHELD RADIO

#PublicSafetyCommunication



aselsan



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HYBRA APCO3810 Smart Hybrid Handheld Radio, is designed for wideband data transmission requirement of mission critical service users.

HYBRA APCO3810 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 $\pm 10\%$.