



Airborne Technologies

Digital Mobile Radio Transceiver (DMR)

D-ATKS System

Communication in Motion

The IPR standard DMR transceiver, is a lightweight and compact system, compatible with any kind of

D-ATKS IP. It is also provided with an High Dual Standard Quality and a LAN Ethernet interface

Reliable personalized solutions

All critical technologies' parts are developed produced and integrated by IPR providing an outmost degree of customization: systems can be tailored to end users' specific layout and weight requirements

IPR systems have no ITAR restrictions



Technical Features

Environmental

Storage Conditions:

-40° / +70°

Operating Conditions:

-20° / +70°

Mechanical

Size L x W x H:

275 x 210 x 140 cm

Weight:

3,5 Kg

Technical Features

Electrical

DMR Standard:

Compliant with ETSI TS102 361

Voice/Data Digital Interface:

LAN Ethernet 10/100

Available Bands:

145/174 MHz

410/440 MHz

440/430 MHz

440/470 MHz

Maximum Channels Number:

200

Operating Mode:

Dual standard, analogical and digital

Operating Mode Selection:

Full automatic

Frequency Stability:

± 0.5 ppm

Supply Voltage:

28 Vdc

Power Consumption:

Max: 40 W TX (@10W RF)

Min: 10 W

RF Output Power:

10W (Selectable from 5W to 20W)

Modulation:

FM, PM, GFSK, 4FSK

RF Canalization DMR:

12.5 KHz (25KHz opt.)

Remote Control:

Ethernet/serial RS232/GPRS