



## APPLICATIONS

- DRM+ broadcasting in frequencies in Band II (FM Band)
- Integration in FM transmitters with IQ input
- DRM+ Test transmission in trials or laboratories

## KEY BENEFITS

- IQ output for precise spectrum
- DRM+ Modulator
- Double Power Supply as an option

## TECHNICAL SPECIFICATIONS

### INPUTS / OUTPUTS

1 x MDI Input for DRM+ compliant with TS 102 820 and TS 102 821

1 x GPS Aerial Input on 50Ω TNC connector

2x 10/100 Base-T Ethernet port on RJ45 connector

1 x Digital 48kHz I/Q output on 1 XLR connector (600Ω balanced)

### ELECTRICAL

AC Input: 110-240 V, 50/60 Hz

Power consumption: < 20W

Option: Double Power Supply

### CONTROL AND MONITORING

Remote control through a web server with HTTP interface

SNMP Monitoring (MIB V2)

### MECHANICAL

Dimensions and weight: 1RU: 483 x 250 x 44 mm; 4 kg

Temperature Range:

- Operating: 0°C to 50°C
- Storage: -20°C to 70°C

Humidity: 10% to 80% at 50°C

## REAR PANEL





## TECHNICAL SPECIFICATIONS

### FEATURES

DRM+ modulator/exciter compliant with ES 201 980

MFN and SFN operations

Integrated GPS receiver with NTP server

FAC, SDC and MSC Management

E mode

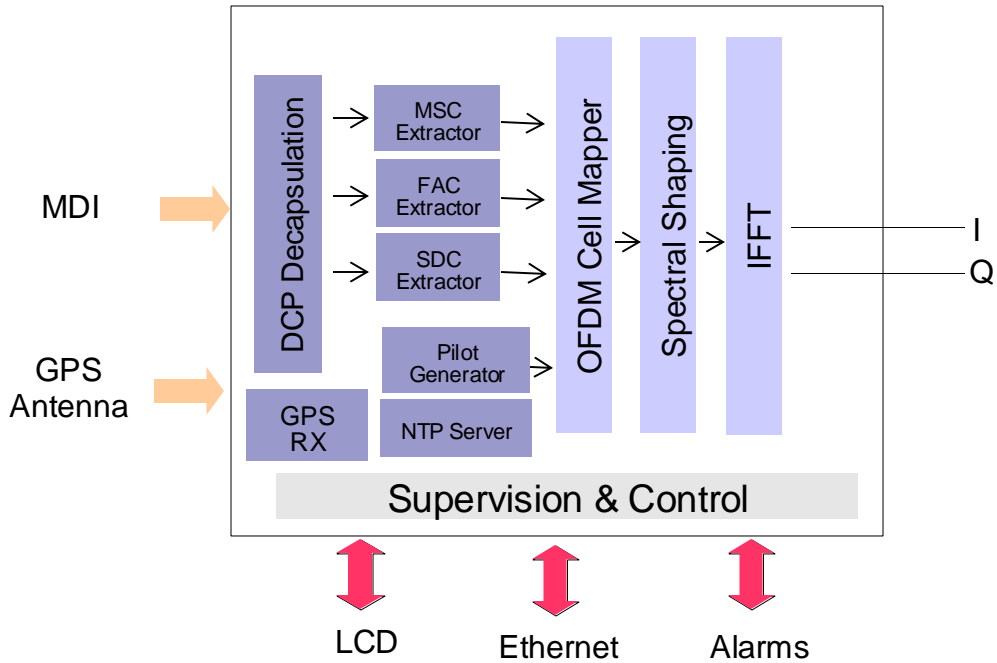
All standard QAM modes (MSC 16 or 4 and SDC 4)

Long interleaving process

DRM+ 100 kHz Bandwidth

Dynamic Reconfiguration Support

## BLOCK DIAGRAM



## ORDERING INFORMATION (FOR MINIMUM CONFIGURATION)

~ DRMPlus-MODIQ	DRM+ modulator with IQ output
~ OPT-Dual PS	Optional second back up power supply working in parallel with the main power supply