

# GOLDENEAGLE FM

## Signal Monitoring & Remote Control for FM Radio networks

Audemat's GOLDENEAGLE FM is a powerful and professional solution for FM monitoring at the transmitter site or in the coverage area. The unit sequentially monitors a set list of stations and continuously ensures that your FM network complies with both legislation and your expectations.



The GOLDENEAGLE FM offers several highly innovative features such as multi-channel monitoring (up to 40 programs), audio streaming and recording, RDS streaming, automatic scanning, audiomarking decoding and remote control GPIOs (General Purpose Inputs/Outputs).

### Advanced Signal Monitoring

- Automatic FM band scanning to detect any variations
- FM Monitoring of up to 40 programs - RF demodulator automatically and sequentially browses all the stations configured in the list.
- Track real-time status of your signal 24/7/365 - receive alerts of potential sources of interference
- 3 FM receivers for simultaneous operations (e.g. real time + monitoring)
- Alarm management and monitoring for all main parameters including RF level, MPX level, Pilot level, Stereo presence, Audio level, RDS presence & RDS data
- Instant notification of any out-of-tolerance condition with SNMP traps and email dispatch

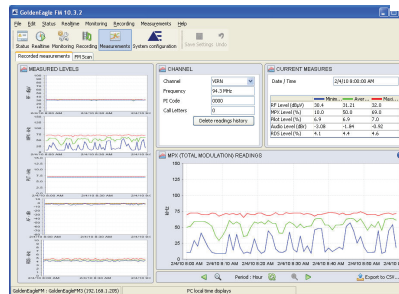
### Real time & Recorded Measurements

- At-a-glance status view provides overview of all monitored stations
- Real-time remote measurement of selected station
- Check conformity of transmission with Spectrum Analyzer display (option)
- RDS streaming to ensure RDS services are correctly managed & signal is error free
- Recorded measurements and logs for export & analysis

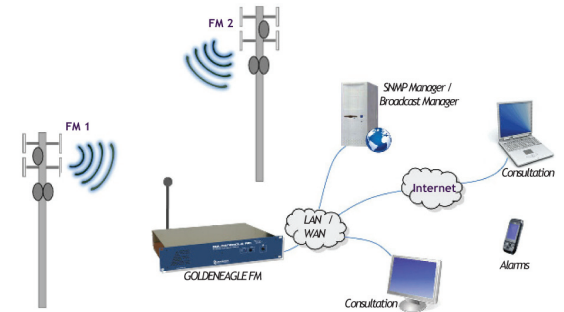
All measurements stored for 30 days to enable trend analysis  
Export data in csv format for further analysis

Real-time Audio streaming to your desktop enables remote listening

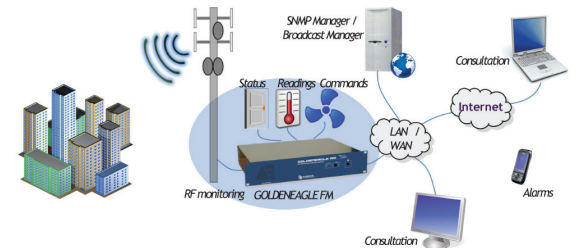
Download recorded content to PC for listening & analysis



Recorded measurements



Off site monitoring



On site monitoring

Also Available...

### FM Monitoring Silver



Where budget is limited, the FM Monitoring Silver offers a more economical alternative for permanent off-air monitoring.

Using 1 FM receiver, the system monitors automatically, in real-time the quality and continuity of up to 10 FM programs and notifies relevant personnel of any problem by sending an alarm.

It offers real-time and average RF & RDS measurements as well as audio streaming, band scanning, and an optional I/O slots for remote control.