



MONITORING



ANALYSIS



STREAMING



RECORDING

QoS Monitoring, Analysis & Facility Management



POWERFUL PERFORMANCE

- Monitoring expertise
- Signal monitoring and content display
- Comprehensive and scalable hardware platform to fit your needs



POWERFUL CONTROL

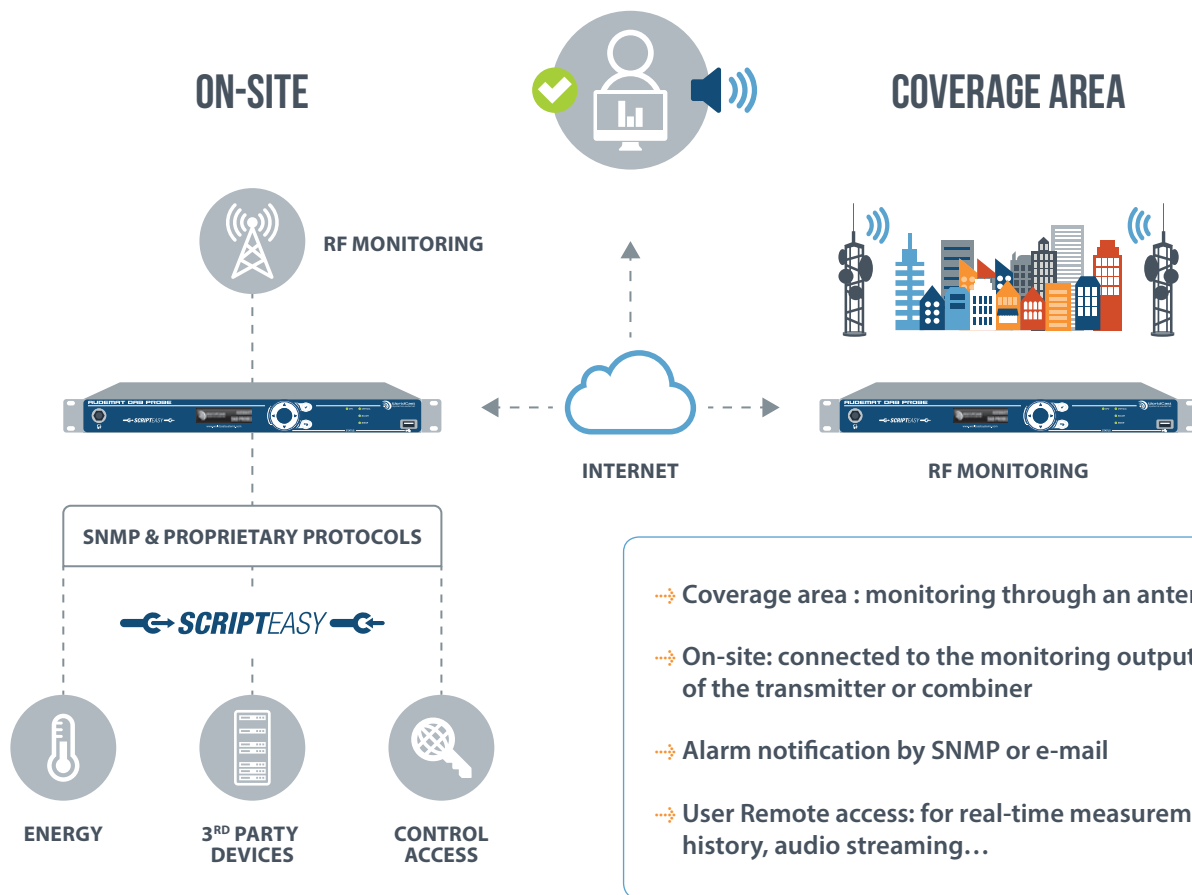
- Graphical web interface with a complete set of features
- SNMP Server for compatibility with Network Management Systems (NMS)
- Alarm notification by e-mail, and SNMP as standard
- Remote control, audio listening, real-time measurements and history viewing



POWERFUL SAVINGS

- 24/7 data tracking and access
- Reduced downtime and on-site visits
- Protects network investment by detecting degradation and service interruption
- Monitoring, analysis, remote streaming and telemetry in a Single Unit

REMOTE CONTROL



AUDEMAT DAB PROBE is the professional solution for DAB signal monitoring at the transmitter site or in the coverage area.

The unit sequentially monitors a set list of channels and continuously ensures that your DAB network complies with both legislation and your expectations.

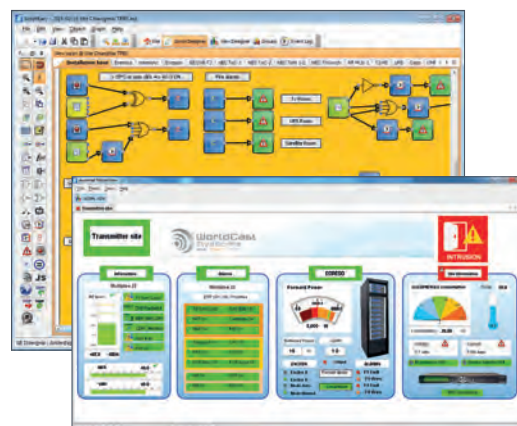


Advanced Telemetry and Facility Management with ScriptEasy

ScriptEasy is the revolutionary facility control software developed by WorldCast Systems to give users the power and flexibility to create "Smart" sites; ones that can automatically take action to correct any critical errors that affect operations. Featuring an intuitive Graphic User Interface (GUI), ScriptEasy incorporates the management of the GPIO, serial communications, logic operators, live user inputs, timers and more.

This allows the site operations to be "scripted", to allow evaluation of multiple parameters and even automatically engage backup systems, while simultaneously alerting relevant technical personnel.

The innovative interface, consisting of the ScriptEasy Designer and the MasterView modules, supports easy development and allows real time customized display of the status.



MasterView-Remote Customized View(s)

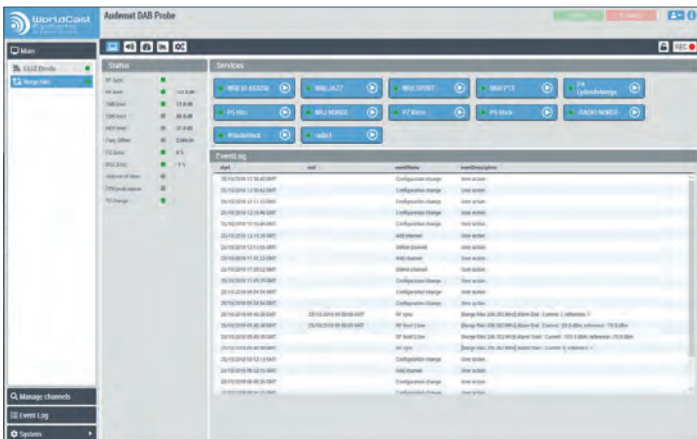
KEY FEATURES

IN SUMMARY

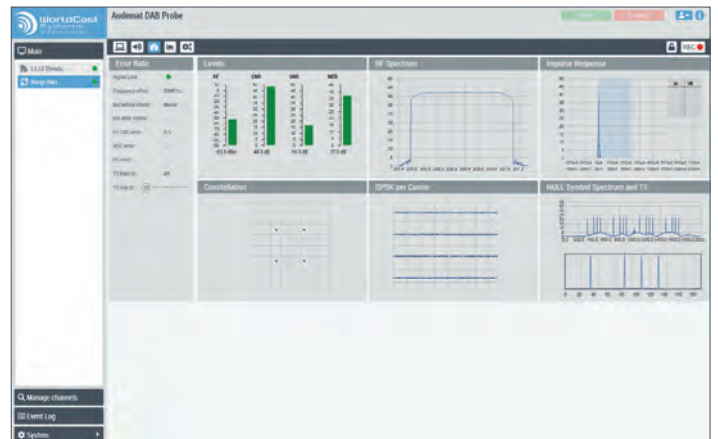
- Supports DAB, DAB+, DMB standards in MFN or SFN mode
- Continuous monitoring of 1 channel or several in sequential mode
- Automatic scan of the DAB band to configure the monitoring
- Remote audio streaming (DAB, DAB+)
- Alarm notification by email or SNMP
- ScriptEasy for graphical script creation, SNMP management of 3rd party devices (10 by default), automatic event management and local facility control
- MasterView for web page customization
- Protocols: TCP/IP, HTTP, HTTPs, SNMP...
- Remote software upgrade possible through the IP connection



Channel content analysis with services and audio levels



List of monitored channels with status and event log



Real-time RF measurements



Real-time audio streaming including slide-show and DLS

TECHNICAL SPECIFICATIONS



Rear panel

Main Functions

| Local / remote connection via web pages or SNMP protocol | | |
|--|--------------------------------|------------|
| RF parameters | Measurement | Monitoring |
| DAB, DAB+ DMB / Band III, Mode I | X | |
| Reception level | X | X |
| CNR, SNR, MER | X | X |
| FIC | X | X |
| Freq offset (internal reference) | X | X |
| TII display | X | X |
| Transmitter SFN freq Peak | X | X |
| Constellation | X | |
| Content parameters | Decoding | Monitoring |
| Audio Levels | X | X |
| Mode, service mode | X | o |
| Protection info | X | o |
| Current CU and address | X | o |
| Ensemble label | X | o |
| Country, language, date/time | X | o |
| Service list & ID | X | o |
| Component list & ID | X | o |
| Dynamic label, PTY | X | o |
| Bitrate | X | o |
| Slide Show, DLS with audio player | X | o |
| Recording and history | | |
| ETI recording (data flow) | Up to 1mn | |
| Logs (events, alarms) | 10000 last events | |
| Measurements | Up to 3 months in the uSD card | |

X : standard o : future option

INTERFACES

| | | |
|----------------|-----------|--|
| RF Inputs | 1 x BNC | 3 receivers are fitted for future use (version hardware 2) |
| Audio Outputs | Analog | 2 x XLR Left+Right |
| | Digital | 1 x XLR AES |
| | Headphone | 1 x Jack 6,35 mm |
| µSD drive Slot | 1 | For measurements history storage |
| LAN Port | 1 | For IP communication |
| Screen | 1 x OLED | For basic configurations, consultation of current measurements and alarms |
| Indicators | 4 | Alarm status LEDs on the front panel |
| Power Supply | 1 x IEC | 50/60Hz - 110-230VAC + internal connector for backup battery (future option) |

Technical specification are subject to change without prior notice - 12/2018

Order Information

| REF | DESCRIPTION |
|---------|---|
| TF01086 | AUDEMAT DAB MONITOR - standard version including ScriptEasy |
| CD00039 | 3 rd party device driver with management from ScriptEasy |
| CD00064 | License for the management of 10 SNMP additional devices from ScriptEasy (1 license is already included as default) |

Suggested Network Management System: WorldCast Manager
Please consult: www.worldcastconnect.com



HEAD OFFICE

WorldCast Systems S.A.S.
20, av Neil Armstrong
33700 Mérignac (Bordeaux Métropole) FRANCE
+33 557 928 928
contact@worldcastsystems.com

US OFFICE

WorldCast Systems Inc
19595 NE 10th Avenue Suite A
Miami, FL 33179 USA
+1 305 249 3110
ussales@worldcastsystems.com