The DiviCatch is a Pocket Analyzer featuring MPEG2 TS real-time analysis and recording.

This product is a compact and cost-effective device, perfect for R&D or Lab applications.

MPEG2-TS Monitoring: the 3 priority levels of ETR290 are implemented. Bitrate can be monitored globally and for each service, and customizable alarms are available. The real-time MPEG2-TS source can either be received through USB from the DiviCatch or through the Ethernet port from the PC (IP source).

In addition, DiviCatch features live stream capture capabilities. Recording can be configured for a customized file size or duration. The application also integrates a video decoder enabling real-time decoding of all unencrypted services.

ENENSYS has implemented a new software: DiviSeries All in One Software. It allows to check any divis applications on a new and very intuitive GUI. Divicatch monitoring screens can be totally customized and loaded. User can also save file analysis (offline analysis available).

As DTTV and Mobile TV deployments keep multiplying worldwide, DiviCatch offers a cost-effective test solution for lab or head-end applications. A must-have digital swissknife for all Digital TV technicians.

Applications
- Live Broadcast Chain Test & Monitoring
- R&D Streams or Signal Analysis Digital TV Troubleshoot
- 24/7 circular recording capable

Benefits
- Record live baseband signals
- Validate and analyze output MPEG2 TS Layer in real-time
- Streams MPEG-2 TS over IP to any host
- Decode and display MPEG 2 services
- No limit in TS length recorded
- Multi-files endless circular recording
- Cost effective and robust
- Watch received programs
- A must-have Lab tool
- Compact and USB-self-powered device

Characteristics
- 1 ASI input
- TR 101 290 validation (aka ETR290)
- PCR jitter graph
- MIP validation
- PID summary, PSI/SI parsing
- Advanced MPEG2-TS recording
- MPEG2-TS over IP streaming
- IP source analysis
- Compatible with Windows Vista & 7 (32b)
DiviCatch™
MPEG2 Stream Analyzer/Recorder

Input Interfaces
DVB-ASI Connector
1x BNC (female) - 75 Ω
10 Kbps to 214 Mbps

Baseband Transport Monitoring
MPEG2-TS features monitored in real-time from either source:
- ASI through USB from the DiviCatch
- IP stream through Ethernet from the PC
TR 101 290
Priorities 1, 2 and 3 implemented
MIP Validation

Service information
PSI/SI table display for DVBS & DTMB services
PSI/P table display for ATSC services
PID Summary

Bitrate monitoring
Overall, by program or PID by PID

PCR Jitter
PCR Jitter Accuracy graphs (real-time, history and density)

Services Processing
MPEG2/MPEG4 services decoding (unencrypted programs)
Recording of the entire multiplex to a TS file
Real-time forward of the entire multiplex to an IP address

Environment
Operating temperature
0 to 55°C / 0 to 122 °F
Storage temperature
-20°C to 70°C / -4°F to 158°F
Humidity
0 to 95%, non condensing

Physical and Power
Length
115 mm / 4.5 in.
Height
61.45 mm / 2.42 in.
Width
27 mm / 1.06 in.
Weight
<100g
Power supply
USB2.0 self-powered

Ordering codes
DVB- ASI Capture Device
Shipped with software (Windows 2000/XP)

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