

Recording Cable TV streams abroad

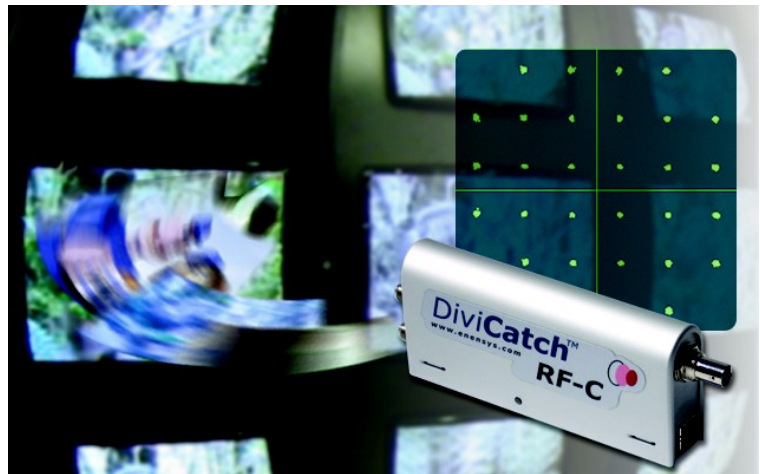


You are a global player but your application field is typically local? Whether you are a television equipment integrator or a cable TV set-top box manufacturer, your clients who can be located anywhere around the world need to be sure the equipment you are selling them will be compliant with their local television format or standard.



The worldwide television standardization landscape is one of the most crowded scenes. You are longing for working globally since TV is universal, yet the number of geographical nuances is a barrier to your business interoperability. How can you convince a client living on the other side of the planet that your equipment will be fully compliant with his local broadcast format? Whatever the television equipment your company is manufacturing or whatever end of the broadcast chain you are working on, your business may require Cable TV streams captured from all around the world.

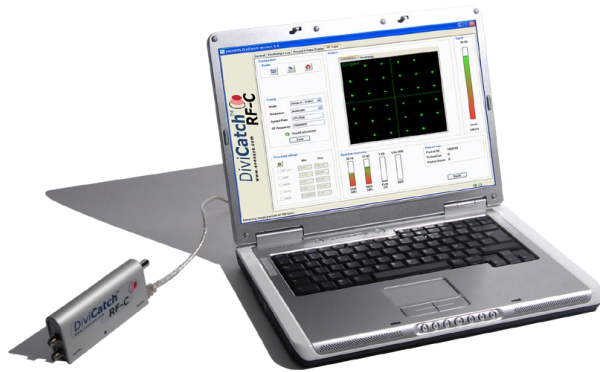
In order to make sure your equipment will be fully compatible with all television standards around the world, your company needs to go on recording campaigns all around the world to capture streams compliant with as many geographical format variants as possible. The equipment you are taking with you on these campaigns needs to be as compact and integrated as can be in order to maintain control



over this costing aspect of your trial phase. It also needs to be highly robust and reliable: Coming home with a useless stream is an option you cannot afford.

The **DiviCatch RF-C** is the ideal equipment to take with you on your recording campaigns. This all-in-one equipment is a stream recorder and analyzer fit for both Cable TV and DVB-ASI. Using the high-sensitivity RF input of the device, you can capture any cable stream in the world since the device is compliant with ITU-J83, Annexes A, B & C, thus covering worldwide cable formats. The modulation auto-detect feature helps you focus on signal and transmission quality rather than on trial-and-error-based settings. Using the DVB-ASI input, you can record any ASI-interfaced MPEG-2 transport stream.

The analysis software shipped with the device provides you with precise and precious information on both the signal and transmission link quality. Before you record a stream, you are aware of the signal quality using the graphical display of the constellation. Additional real-time SNR (Signal to Noise Ratio), MER (Modulation Error Ratio) and EVM (Error Vector Magnitude) measurements also provide accurate indications on the signal modulation quality. The **DiviCatch RF-C** offers all critical RF measurements so that you can have a good overview of the quality of the signal received at-a-glance.



On the transport stream side, the bundled software also provides real-time information on bitrate and PSI/SI tables. This tool is highly useful, especially if you want to use streams that have been degraded on purpose. It lets you quickly visually detect which element is erroneous inside the Transport Stream.

Back from the campaign, the DiviPitch is the perfect tool for playing back the streams collected. The stream player is capable of outputting any previously-recorded stream to DVB-ASI, DVB-SPI (LVDS or TTL) or ETI (T-DMB) interfaces.

All DiviCatch and DiviPitch products by Enensys are ideal for mobile applications and taking away on campaigns:

- Their small size lets them fit in your pocket. With a maximum length of 14 centimeters and a maximum weight under 200 grams, the products are highly compact and easily portable.
- They do not require any external power supply unit. They are USB self-powered and get their power from the laptop or station they are connected to.
- The aluminium housing achieves the robustness necessary to field usage.

Reliability and portability are key assets for the products you are taking with you on recording campaigns. The turnkey DiviCatch RF-C solution is an ideal tool for a recording campaign, especially for cable-oriented applications. The worldwide compatibility with ITU-J83 Annexes A, B & C will help you achieve optimal interoperability of your equipment.

