# RELY-REC
# Main Benefits

RELY-REC is a small and cost effective device, provided with the recording and networking capabilities of a leader high-end recorder. Thanks to its robust design based on industrial grade components, it can be installed in an unattended way in any critical site. The heart of this equipment is a multi-CPU FPGA that makes the device one of the most powerful and flexible options available in the market.

| RELY-REC Family | Most Network Recorders |
|---|---|
| **Rugged design** | |
| Can be connected to the network and can operate in unattended way. Specifically designed for critical systems:<br>– Fanless design<br>– Redundant power supply<br>– Industrial grade components, including SSD disk<br>– Operating temperature: −40°C – 70°C | Commodity range components.<br><br>Not suitable for permanent installations, focused on temporal for forensic or commissioning operations. |

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**RELYUM**

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### Flexible connectivity

Multimedia multi-rate ports (10/100/1000BaseT, 1000SX, 100FX with the same device).

Normally 100Mbps copper ports. The ones with 1Gbps ports don't compensate the delay.

### Internal storage

Recorded information can be stored in an internal industrial grade SSD disk; no need of additional external storage media (no extra element to manage and maintain) or permanent network connectivity.

Need of external (USB/Ethernet) storage.

### Time-aware timestamping

Synchronization (IEEE 1588, NTP, IRIG-B) for timestamping can be provided by an external source, by the network packets or by the device itself. IEEE1588 Transparent Clock support on TAP.

Most of them do not support timestamping. Support few synchronization configurable options (NTP).

### Recording configuration

Multiple recording options: HSR/PRP taping, port mirroring recording, trigger recording, pre-trigger buffer...

Configurable by the user through embedded Web Manager.

Typically a single recording mode is supported: TAP mode or port recording mode defined from Factory.

### High-availability robustness

Supports traffic recording in high availability networks (HSR/PRP).

Typically do not support recording in high-availability networks.