I.CAST

The Unique Analog Voice / POCSAG Simulcast Solution for On-Site and Wide Area Voice Paging Networks

The I.CAST is an on-site or wide area voice alerting and messaging solution, with applications for healthcare, public safety and industry.
I.CAST can run either as an independent system or a high-availability fallback network.

I.CAST allows simulcast analog voice broadcasts. The carrier frequencies of multiple I.CAST stations are synchronized either by GPS or by low-latency LAN (max. 900ms RTT incl. jitter).

The I.CAST can either be controlled by a Swissphone I.SEARCH or directly by a SIP-capable input terminal.

The I.CAST is built of the following functional blocks:
• Power Supply PS150W-B
• Line interface FT634a
• SDR transmitter KA 25W
• Backup battery 12V 12Ah

Options:
• MC112CS Multimode fiber-to-RJ45 converter, supporting modern all-fiber premises
• SIP/RTP Gateway

Key features

》 SDR-based dual Analog voice/POCSAG mode for voice and paging application

》 Preemptive priority of Analog voice over POCSAG

》 Compact 3HU format for 19" mount

》 SNMP monitoring

》 Integrated backup battery for 4h autonomy

》 Scalable for large areals