

## Parlay LCR i30

### The Powerful Digital Least Cost Router



The Parlay LCR i30 is the reliable, small size and multiple protocol ISDN Primary Access (30 Channels) Router. Besides the advanced Routing Features, it offers Value Added Features like

- True Tariff Advice of Charge
- Call Statistics
- Call Details Logging

With the Parlay LCR i30 Routing Controller, Operators and Service Providers are able to

- route large quantities of out-bound calls through their network
- provide their customers with sophisticated Value Added Features

The customers cut phone costs and make use of the value added services without having to change their calling behaviour.

The Routing Controller is installed „between” the customer ISPBX and the Network Terminator (NT) of the ISDN Line Provider. You can connect the Parlay LCR i30 to any Euro ISDN Primary Rate Access connection.

The Parlay LCR i30 routes calls by analysing the dialled numbers.



The advanced routing table determines how calls are routed, based on destination, type of service (data/voice), time of day and day of week.

The Parlay LCR i30 supports all ISDN services. Programming is typically carried out remotely from a maintenance centre. Reliability and ease of service are a.o. achieved through the built-in Protocol Analyser for ISDN layer 1, 2 and 3 diagnostics.

#### Key Features

- Connection to ISDN PRA
- Analysis of outgoing calls and routing to alternative Network Operators
- Re-routing, in case of busy network etc.
- Transparent connection of incoming calls
- Support of all ISDN services
- „Call-home” function for automatic maintenance
- D-channel protocol analyser (on-site and remote) for diagnostics and troubleshooting
- Fall back to PTT/ISDN Line Providers in case of power down

- Passwords and number verification are used to restrict remote and programming access

#### Optional Functions

- Detailed Advice of Charge Information, adapted to actual call routing and tariffs.
- Detailed Call Logging for in- and outgoing call handling evaluation and customer support.
- Call Detail Recording for billing purpose etc.
- DTMF and tone receivers (i30-A)

Parlay i30 is based on Partner Votstream's reliable ISDN and digital dialler technology. Ten thousands of Partner diallers perform their duty, day after day, all over Europe.

For Operators and Providers, Parlay i30 is an ideal solution for building up long lasting relations with their valuable customers.



## The Powerful Digital Least Cost Router

Feature	Description
ISDN approval	TBR4/A1
German approval (1TR6)	BZT D 128 929 H
Swiss approval	BAKOM 97.0415.I.N.
French additional requirements	Compliant
U.K. DASS 2 approval	BABT/97/5058
Swedish CAS approval	96101810
Size and weight	290 x 205 x 40 mm, 1.25 kg
External connectors	75 Ohm unbalanced BNC 120 Ohm balanced RJ 45
Built-in power supply	Input 230 V +/- 15%, 50 Hz
Power consumption	Max. 10 VA
Temperature	5-50°C – No direct sunlight
Humidity	10-95% relative humidity, non condensing
Number of B-Channels	30
Power fail-safe routing to PTT/ISDN Line Provider	Yes
Bearer capability, line switched	As given by the ISPBX
Protocol analyser for diagnostic	Yes, layer 1, 2 and 3
Serial port for direct PC connection	Yes
Remote connection	Yes, via any 64 kbit B-channel
Password protected	Yes
One site access to the Routing Controller	Yes
Remote access to the Routing Controller	Yes, via X.75 ISDN modem
Call home	Yes, to programmable numbers at programmable intervals

Feature	Description
Carriers with CLI authorisation supported	Yes
Carriers with PIN authorisation supported	Yes
Number of carriers supported	50
Max number of search table entries	1000
Capable of sending callback hangup sequence	Yes
Drop/reseize to change routings	Yes
Call routing statistical counters	Yes
Time of day/day of week routing	Yes
Operating mode	Point to Point
Supplementary services	As given by ISDN or ISPBX
Carrier types supported	Pure ISDN calls (single stage) ISDN to carrier, then DTMF (two stage) Callback carrier Voice only, pure ISDN call (single stage)
Compatible with virtual private networks and leased lines	Yes
Detects carrier progress tones or DTMF tone on answer	Yes („A" versions only)
Engineer diagnostics	Visual



The Partner Voxstream premises in Vamdrup

Reservations are made for adjustments of specifications and printing errors.

Partner Voxstream was established in 1988 and develops intelligent telecom access equipment. The product line includes ISDN least cost routers, ISDN access multiplexers and Integrated Access Devices for Voice over DSL access.