

# Parlay i60 ISDN Access Multiplexer



## Data Sheet

14.11.2003.XI

### Dimensions

H x W x D: 1 rack unit (44.4 mm) x 19" rack fit (438 mm) x 7" (176 mm)  
Weight: 2.5 kg  
Operating temperature: 5 - 45 deg. C, no direct sunlight  
Operating humidity range: 10 - 90 % R.H., non-condensing

### Power Supply

Input voltage, mains: 85 - 263 VAC  
Input voltage, battery: 42 - 53 VDC  
Power consumption: 12 VA peak

### Conformity

ETS 300 019 Part 1-3 Class 3.2 (Environment)  
EN 60950-A4 (Safety)  
TBR3 and TBR4 (ISDN)

### PRI Interface

2x BNC, 75 ohms, unbalanced  
1x RJ45 ISO/IEC 8877, 120 ohms, balanced  
G.703 framing, HDB3 line coding, CRC auto-adaptive  
Operating in TE or NT mode

### BRI Interface

1x RJ45 ISO/IEC 8877, Termination 100 ohms  
G.704 framing  
Reach according to I.430  
Operating in NT mode  
Point-Point and Point-Multipoint

### Interfaces

DB9 socket for local service  
DB9 socket for chaining with another i60 unit  
Programmable Feature Button  
LED for motherboard, interface boards and port status

### Synchronisation

Clock source: externally derived from PRI line  
Free running clock built-in. Precision better than 50ppm

### Routing Features

Routing Criteria, standard  
Outgoing Calls:  
- Called Party Number  
- Bearer Service  
- Time of Day  
- Day of Week  
- Date  
Routing Criteria, advanced  
- Incoming Calls  
- Calling Party Number

- Physical Interface
- B-channel
- Percentage of calls

Routing lines: 1000 or more for some applications  
Carrier accesses: 50  
Seamless Re-routing supported

### Service Access

Local via serial RS232 interface  
Remote via any ISDN B-channel using X.75  
Fully remote maintenance  
Remote monitoring  
Protection by password  
Protection by verification of SETUP

### Operational Security

Relay bridging in case of malfunction and power failure  
Built-in ISDN protocol analyser for OSI layer 1, 2, 3

### Various Features

Generation of Advice of Charge AOC  
Generation of Tones and Announcements  
Dynamic Channel Assignment  
Fractional ISDN  
DTMF sending and receiving  
Dial tone recognition  
End-of-dialling detection

### Data mining support

Call Statistics  
Carrier Statistics  
Performance Statistics  
Call Detail Recording

### Parlay i60 Hard Ware Variants

Slot 1	Slot 2	Slot 3	Slot 4
PRI	PRI		
PRI	PRI	PRI	-
PRI	PRI	4x BRI	-
PRI	4x BRI	4x BRI	-
PRI	PRI	PRI	PRI
PRI	PRI	PRI	4x BRI
PRI	PRI	4x BRI	4x BRI
PRI	4x BRI	4x BRI	4x BRI

