

Patapsco Databand Mini 64/128 Backup Overview

Providing backup for circuits at 64kbps or 128kbps using ISDN.

Databand – the fastest backup units in the world

The low-cost Databand Mini 64/128 uses ISDN BRI to provide a reliable alternate route for leased lines and forms part of the comprehensive Databand family of backup products from Patapsco Communications.

The backup route is established in around 2 seconds, with user-sessions normally maintained.

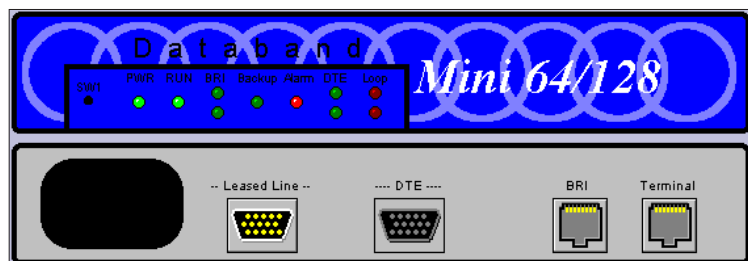
The Mini 64/128 is ideal for applications where the lost business or costs are large, even for short periods of circuit loss, or where Carriers want to provide customers with high-availability Service Level Agreements (SLAs).

It is transparent to data, can be deployed quickly and easily and has a number of sophisticated test and management features.

Higher speeds are supported by the Mini 64/2048 range detailed in separate documents. Chassis-based solutions use the DB120.

Feature Overview (see Technical Sheets for more detailed information)

- Single synchronous leased line and DTE port.
- X.21/V.11 or V.35.
- Leased line at any speed up to 2.048Mbps.
- Power-failure-protection relays.
- Configured and managed by standard Patapsco DbManager (see Data Sheets).
- Single ISDN BRI connection to the network.
- Monitors leased line for failure.
- Monitors user traffic CRCs if it is HDLC/SDLC based.
- Monitors the DTE for failure.
- Fast establishment of backup with user-sessions normally maintained
- Compensates for differential delays between ISDN "B" channels.
- Backup time-windows.
- Testing facilities.
- Automatically detects failure of an ISDN channel and re-connects.
- Reconnection of a failed ISDN "B" channel during backup is automatic.
- Switch-back to the leased line with virtually no interruption to data.
- Built in security features.
- Ability to set loops.
- All events reported to DbManager.
- Status of all leased lines and nodes displayed on up to 15 DbManager work-stations.
- The Databand Mini units communicate with other Databand products including the DB120 chassis.
- 85-264VAC, 47-63 Hz.
- 290mm wide by 199mm deep by 41mm high.



Models

- There are 4 models in the Databand Mini 64/128 range.
- The product is ordered to support either 64kbps or 128kbps.
- Each of the two versions is supplied as V.35 or V.11/X.21.
- The 64kbps models are remotely upgradeable to 128kbps.

See Technical Sheets for more detailed information – available at www.patapsco.co.uk

Higher-speed backup products are also available from Patapsco, as are high-density chassis-based cards supporting a variety of interface types including G.703 and channelised/structure G.704.