

## Patapsco Databand Mini Backup Overview

Models 64/512, 64/1920 and 64/2048

Using ISDN to provide 64kbps to 2.048Mbps backup for leased lines.

**Databand – the fastest backup units in the world**

The Databand Mini range uses ISDN PRI and/or BRI to provide a reliable alternate route for leased lines.

Backup service is provided so quickly that user-sessions are normally maintained.

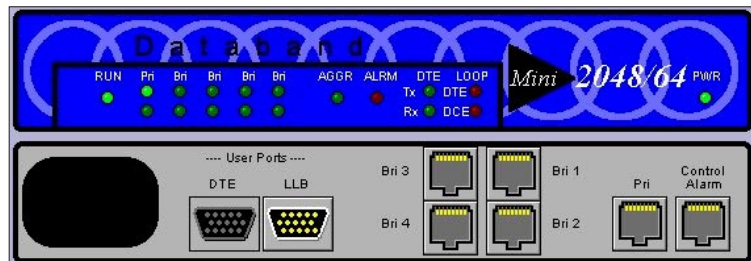
The Mini range is ideal for applications where the lost business or costs of failed communications for even a short period can be highly damaging, or where Carriers have Service Level Agreements (SLAs) or provide very high levels of availability.

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

A lower-speed model, the Mini 64/128, can be seen on separate Data sheets.

### 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 to 2.048Mbps.
- Power-failure-protection relays between the leased line and DTE.
- Configured and managed by standard Patapsco DbManager (see separate information).
- Monitors leased line.
- Half-duplex line failure in either direction is detected.
- Monitors user traffic CRCs if HDLC/SDLC based to give enhanced visibility of the circuit. Ideal for Frame Relay and router traffic.
- Monitors the DTE for failure.
- Fast establishment of backup (see examples in doc VTI -004) with user sessions normally being maintained.
- Compensates for differential delays between ISDN "B" channels.
- Three different clocking/aggregation options.
- Backup time windows.
- Testing facilities.
- Automatically detects failure of an ISDN channel and re-connects.
- Automatic reconnection of a failed ISDN "B" channel during backup.
- Built in security features.
- Ability to set loops.
- Able to monitor transitions Tx and Rx.
- All events reported to DbManager.
- Status of all leased lines and nodes displayed on up to 15 DbManager work-stations.
- Software updates downloadable.
- All Events stored in NVRAM.
- Compatible with all versions of Patapsco Databand Units, other Databand Minis of all speeds/models and the Databand DB120 hub.
- Units provide a transparent data stream when on the leased line and when on backup.
- No overhead is taken on the leased line.
- Configuration and management is carried out via the DbManager package (see separate Data Sheets).
- 85-264VAC, 47-63 Hz, 10 watts.
- Dimensions: 290mm wide by 199mm deep by 41mm high.



### Models

- There are three models - the difference is the number and type of ISDN interfaces and therefore the maximum backup speed.
- The three platforms are:
  - Mini 64/2048 supporting four BRI and a PRI
  - Mini 64/1920 with a single PRI
  - Mini 64/512 with four BRI
- Within each of the three platforms there are a number of different models with different backup speed options.
- Each is populated with adequate ports, processing, memory etc to support the top configuration for the platform and can be remotely upgraded to any other model.
- As an example, the Mini 64/512 can be purchased to support 64kbps only, 128k, 192, 256, 384 and 512kbps. All models can be upgraded to 512kbps.
- Please see the Part Number section in the Technical Datasheet for more details.

See Technical Sheets for more detailed information – available at [www.patapsco.co.uk](http://www.patapsco.co.uk)

See also the Databand 64/128 for lower-speed and low-cost backup applications and the DB120 chassis with its variety of card types including support for backup of G.703 and channelised/structured G.704 trunks.