

# Call Buffer

**Synectic Call Buffer** is a phone call record buffer which automatically collects the SMDR/CDR record from any EPABX and stores the information in its internal memory. This effectively eliminates the need to keep the PC powered on at all times for Call Accounting purposes.

**Synectic Call Buffer** stores the collected data in non-volatile flash memory and hence the data is protected against power failures/outages. The unit also has a built-in Real Time Clock to enable padding of date and time suitable for EPABXs which does not have a built-in clock. The unit supports Hardware Flow Control, Software Flow Control and Polled mode for call data collection.

## Its extensive feature list includes the following—

- 8 MB memory standard, expandable to 32 MB
- Minimum 100,000 typical call records can be stored (8 MB memory, raw format)
- Maximum up to 1,000,000 records may be stored in 32 MB Flash with call record data compression and no Time stamping
- Non volatile Flash memory storage
- Double buffered serial ports guarantee that no data is lost even in very high call traffic situations
- Hardware Flow Control, Software Flow Control and Polled mode of operation
- Date & time stamp for call records with selectable ON / OFF
- Fully remote programmable from the RPI (Remote Programming Interface)
- Auto baud rate detection for serial data link between **Synectic Call Buffer** and PC
- Fully programmable serial port parameters for data link between **Synectic Call Buffer** and EPABX.
- Max Baud rate of 115 Kbps
- Battery backed Real Time clock
- User friendly Remote Programming Interface (RPI)
- Data collection through serial port or Ethernet (optional)
- Automatic scheduled Call Data Collection facility
- Call records available in printable text format
- Log report of all scheduled and unscheduled activity
- Optional built in 10 Mbps Ethernet port for Remote connectivity
- External modem support for data collection using kermi and xmodem protocols



## Specifications:

Memory	8 MB, expandable to 32 MB
Memory type	Flash memory (non-volatile storage)
Real Time Clock	Built-in
Interface	2 Serial Ports, Optional Ethernet Port
Max transfer rate	115 Kbps on serial port, 10 Mbps LAN (optional)

**Synectic**

*Adding value to communications*

## Synectic Telecom Pvt. Ltd.

34, 1st Main, 3rd Stage, 4th Block  
Basaveshwar Nagar, Bangalore 560079  
Ph: 080-41536720 Fax: 080-41536727  
Email: sales@synectictelecom.com  
www.synectictelecom.com