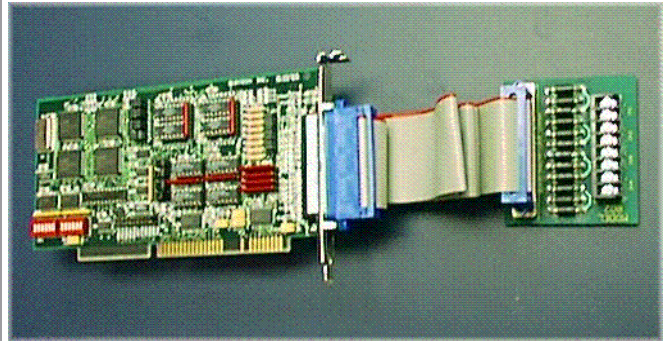


# HERITAGE MEDCALL TECHNICAL SPECIFICATIONS

## Model HM-502 Quad Serial Interface Card

- FOUR SERIAL INTERFACE PORTS
- SCREW TERMINALS FOR FIELD TERMINATION
- DIFFERENTIAL DATA LOOP CONTROL
- RS-485 DATA COMMUNICATIONS
- SUPPORTS UP TO 252 ADDRESSED DEVICES



### DESCRIPTION:

The Sentry Model HM-502 Quad Serial Interface Card provides 4 serial data channels that will support up to 61 drops each. Each channel communicates with up to 52 Host panels, 8 utility panels, and a power supply supervisor. For installations with less than 416 apartments, Sentry recommends specifying the Model HM-501 Dual Serial Interface Card. The redundancy of the dual card increases overall system reliability. The Model HM-502 communicates to the panels with differential data signals following the EIA standards described for RS-485. A typical data line can extend over 4000 feet and does not require special line terminations. All data lines are protected from transient voltage surges. The four-channel card is equipped with one 37 pin sub D connector, a 6' ribbon cable, and a termination board. To estimate the number of serial cards required for a particular size installation, refer to the Master Controller, Model 550, Technical Specification. Use the same guidelines provided for the dual serial cards except divide by 180 instead 90.

### Ordering information

Model HM-502 includes:

- 1 - HM-502 Interface card
- 1 – HM-802 Terminal Board
- 1 - Ribbon Cable
- 1 –HM-595 Plastic mounting track

Heritage MedCall, Inc.  
202 East Virginia Avenue  
Tampa, Fl 33603  
[www.heritagemedcall.com](http://www.heritagemedcall.com)

813-221-1000 ph  
813-223-1405 fax  
[emai@heritagemedcall.com](mailto:emai@heritagemedcall.com)