Product Specifications

New International Standard

Product Code: MV.34I, MV.34E
Product Name: V.34 Modem by Boca

- Highest supported data transmission rates by the V.34 standard; 14.4Kbps send/receive fax.
- 100% data compatibility with the Hayes 'AT' command set.
- Programmable speaker volume control; auto-dial and auto-answer; tone or pulse dialing.
- Includes 16C550 serial card (MV.34E).
- V.32bis, V.42bis, and MNP5 are supported as well as V.42 and MNP2-4 error control, offering throughput speed of up to 115.2Kbps.
- Built-in DTE interfaces; DTE speed up to 115.2Kbps; 16550A UART interface (internal); Serial CCITT/ITU V.24 (EIA/RS232-D) (external).
- Group 3 send and receive fax capability with support for Class 1 and Class 2 fax commands.
- Communication ports selectable as COM1, 2, 3, or 4 using interrupts 3, 4, 5, or 7 (**INTERNAL ONLY**).

Modem Data Rate: 28.8K, 26.4K, 24K, 21.6K, 19.2K, 16.8K, 14.4K, 12K, 9600, 7200, 4800, 2400, 1200, or 300bps.

Fax Data Rate: 14.4K, 12K, 9600, 7200, 4800, 2400bps.

Protocol Compatibility:

Data Modulation Protocols

CCITT/ITU: V.34 (28.8K), V.FC (28.8K), V.32bis (14.4Kbps), V.32 (9600bps), V.42, V.22bis (2400bps), V.22 (1200bps).

Bell: Bell 212A (1200bps), Bell 103 (300bps).

Fax Modulation Protocols

V.17 (14,400/12,000bps) transmit and receive
V.29 (9600/7200bps) transmit and receive
V.27ter (4800/2400bps) transmit and receive
V.21 channel 2 (300bps) transmit and receive

Error Control/Data Compression Protocols

V.42/MNP2-4 and V.42bis/MNP5 support

LED Status Indicators
TM, AA, HS, OH, SD, RD, TR, CD (EXTERNAL)

Diagnostics:
- Local/remote digital and analog loopback.
- Automatic power-on self-test.

Dimensions:

EXTERNAL: 7 1/4" x 5 3/8" x 1 1/4"
INTERNAL: 4 1/4" x 4 1/8"

FIVE-YEAR LIMITED WARRANTY

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Release 2.0
8/95

Product Specifications

New International Standard

Product Code: MV.34ED*
Product Name: V.34 Modem by Boca

- Highest supported data transmission rates by the V.34 standard; 14.4Kbps send/receive fax.
- 100% data compatibility with the Hayes 'AT' command set.
- Programmable speaker volume control; auto-dial and auto-answer; tone or pulse dialing.
- V.32bis, V.42bis, and MNP5 are supported as well as V.42 and MNP2-4 error control, offering throughput speed of up to 115.2Kbps.
- Built-in DTE interfaces; DTE speed up to 115.2Kbps; Serial CCITT/ITU V.24 (EIA/RS232-D).
- Group 3 send and receive fax capability with support for Class 1 and Class 2 fax commands.

Modem Data Rate: 28.8K, 26.4K, 24K, 21.6K, 19.2K, 16.8K, 14.4K, 12K, 9600, 7200, 4800, 2400, 1200, or 300bps.

Fax Data Rate: 14.4K, 12K, 9600, 7200, 4800, 2400bps.

Protocol Compatibility:

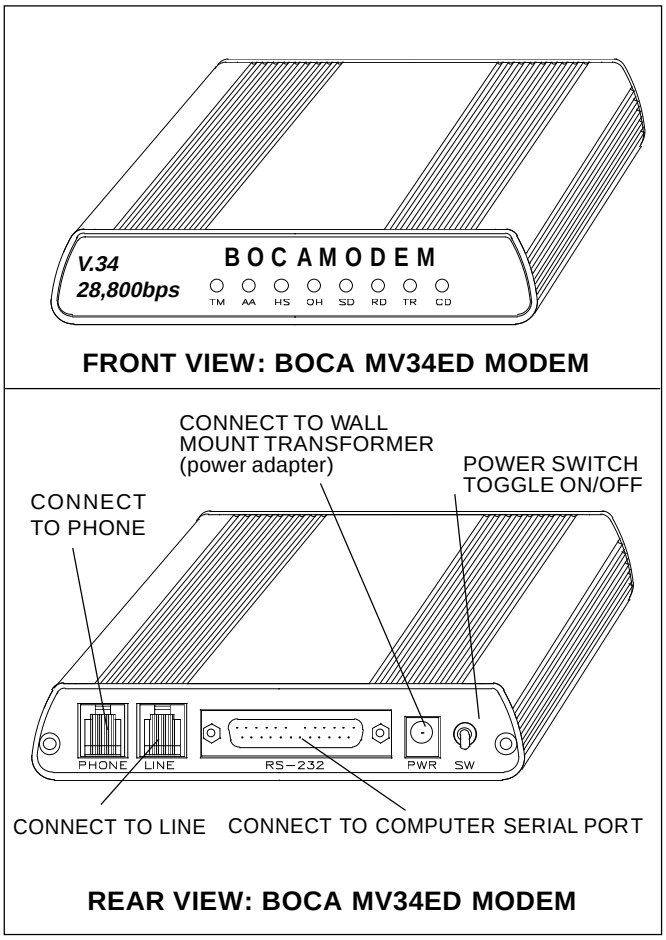
Data Modulation Protocols

CCITT/ITU: V.34 (28.8K), V.FC (28.8K), V.32bis (14.4Kbps), V.32 (9600bps), V.42, V.22 (2400bps), V.21 (1200bps).

Bell: Bell 212A (1200bps), Bell 103 (300bps).

MADE IN USA

*** (Does not include 16C550 UART serial card)**



FRONT VIEW: BOCA MV34ED MODEM

REAR VIEW: BOCA MV34ED MODEM

Fax Modulation Protocols

V.17 (14,400/1200bps) transmit and receive
V.29 (9600/7200bps) transmit and receive
V.27ter (4800/2400bps) transmit and receive
V.21 channel 2 (300bps) transmit and receive

Error Control/Data Compression Protocols

V.42/MNP2-4 and V.42bis/MNP5 support

LED Status Indicators
TM, AA, HS, OH, SD, RD, TR, CD

Diagnostics:
- Local/remote digital and analog loopback.
- Automatic power-on self-test.

Dimensions: 7 1/4" x 5 3/8" x 1 1/4"

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Release 1.0
5/12/95