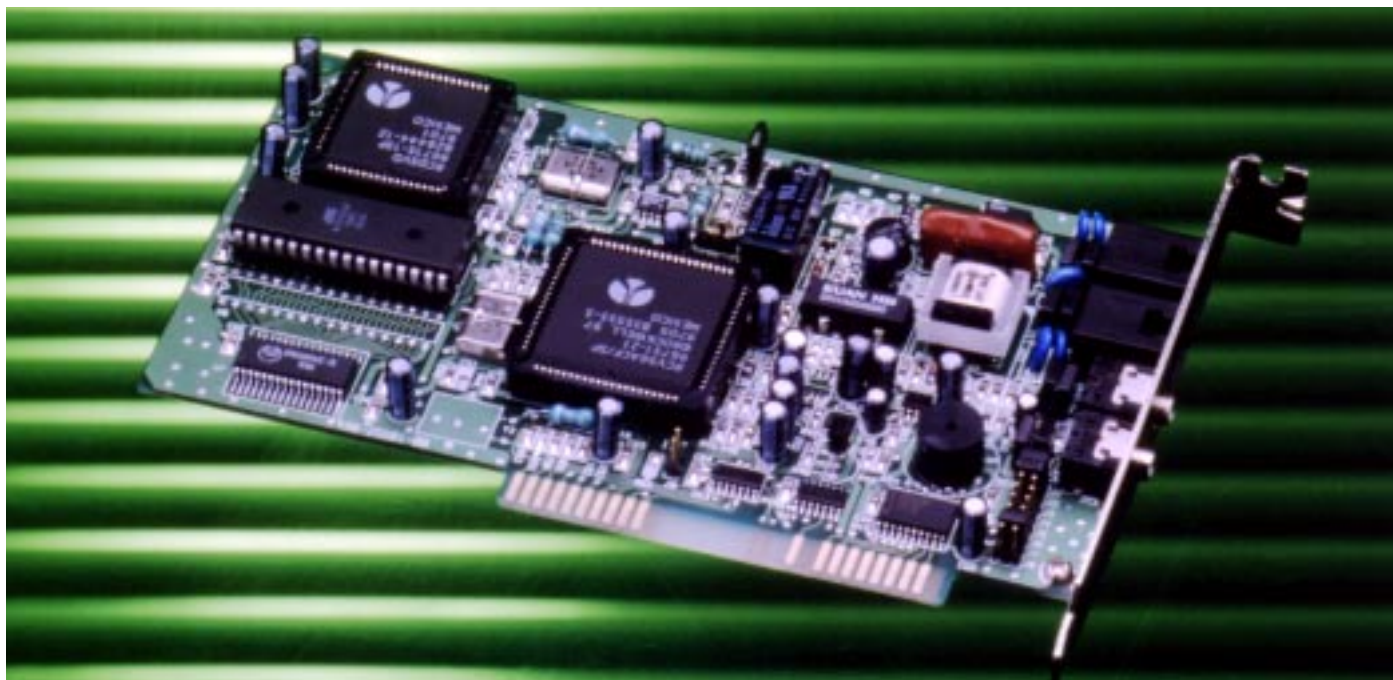# DM-56V14H

INTERNAL VOICE/FAX/MODEM

K56flex, V.34 PLUS FULL DUPLEX MODEM
WITH V.42bis ERROR CORRECTION & DATA COMPRESSION
G III 14400bps SEND & RECEIVE FAX
ADPCM COMPRESSION/DECOMPRESSION VOICE MODEL
FULL-DUPLEX SPEAKERPHONE & ASVD & DSVD (option)

DM-56V14H
INTERNAL VOICE/FAX MODEM

MODEM

* 56000R/33600T
* 33600/31200/28800/26400/24000/21600/19200/16800/14400/12000/
  9600/7200/4800/1200/1200-75/300 bps
* K56flex, V.34 plus, ITU-T V.34/V.32bis/32/22bis/22/23/21,
  BELL 212A/103
* ASYNCHRONOUS OPERATIONS ONLY
* V.42bis/MNP CLASS 5 ERROR CORRECTION & DATA
  COMPRESSION
  -EFFECTIVE THROUGHPUT UP TO 115200bps
  -100% ERROR-FREE DATA
* AUTO-DIAL & AUTO-ANSWER
* EXTENDED AT COMMAND SET
* RUNS ALL HAYES COMPATIBLE SOFTWARE PACKAGES
* NON-VOLATILE RAM TO STORE FOUR TELEPHONE
  NUMBERS & TWO CONFIGURATION PROFILES
* AUDIO MONITOR
* FOR IBM PC/XT/AT AND ALL IBM COMPATIBLE
  COMPUTERS

FAX

* ITU-T V.17/V.29/V.27ter, V.21 CHANNEL 2
* 14400/12000/9600/7200/4800/2400 bps
* FAX SEND AND RECEIVE
* ITU-T GIII FAX STANDARD COMPATIBLE
* RECEIVING A FAX IN THE BACKGROUD
* ONE STEP CONVERT & SEND
* BROADCAST AND SCHEDULE SENDING

VOICE

* VOICE MAIL AND VOICE FORWARDING
* RECORD INCOMING VOICE
* PLAY INCOMING VOICE MESSAGES
* MIC INPUT AND EAR PHONE OUTPUT
* VOICE COMPRESSION/DECOMPRESSION
* CONCURRENT DTMF RECEPTION AND
  TONE DETECTION

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DM-56V14H

INTERNAL VOICE/FAX/MODEM

TECHNICAL SPECIFICATIONS

COMPATIBILITY	DATA	K56flex 56000R/33600T
		V.34plus 33600/31200/28800/26400/24000/21600/19200/16800bps asynchronous
		ITU-T V.34 28800/26400/24000/21600/19200/16800bps asynchronous
		ITU-T V.32bis 14400bps & 9600bps asynchronous
		ITU-T V.32 9600bps & 4800bps asynchronous
		ITU-T V.22bis 2400bps & 1200bps asynchronous
		ITU-T V.22 1200bps asynchronous
		ITU-T V.21 0-300bps asynchronous
		ITU-T V.23 1200/75bps asynchronous
		BELL 212A 1200bps asynchronous
		BELL 103 0-300bps asynchronous
	FAX	Group III facsimile ITU-T V.17/V.29/V.27ter/V.21 channel 2
MODULATION	DATA	56000R/33600T (K56flex PCM)
		33600/31200/28800/26400/24000/21600/19200/16800bps (V.34plus)-(TCM)
		28800/26400/24000/21600/19200/16800bps (ITU T-V.34)-(TCM)
		14400bps (ITU-T V.32bis)-Trellis Coded Modulation (TCM)
		9600bps (ITU-T V.32)-Trellis Coded Modulation (TCM)
		9600/4800bps (ITU-T V.32)-Quadrature Amplitude Modulation (QAM)
		2400bps (ITU-T V.22bis)-Quadrature Amplitude Modulation (QAM)
		1200bps (ITU-T V.22/BELL212A)-Differential Phase Shift Keying (DPSK).
		1200/75bps (ITU-T V.23)-Frequency Shift Keying (FSK)
		0-300bps (ITU-T V.21/BELL103)-Frequency Shift Keying (FSK)
	FAX	14400/12000/9600/7200/4800/2400bps-Quadrature Amplitude Modulation (QAM)
	VOICE	Enhanced ADPCM coder/decoder (codec)
		-voice compression/decpmpression
		-sample rate 7.2KHZ, 4-bit, 2-bit per sample
		-optional coder silence detection/detection and decoder silence interpolation
		ITU-T V.70 DSVD using the RCDSVD (option)
OPERATION		Full or Half-duplex dial-up line operation
COMMUNICATION MODE		Asynchronous data transmission mode
ERROR CORRECTION & DATA COMPRESSION		V.42 & MNP class 2-4 error correction protocol
		V.42bis & MNP class 5 data compression protocol
EQUALIZATION		Transmitter: fixed compromise equalization
		Receiver: adaptive equalization
TRANSMIT LEVEL		-11±1dBm
RECEIVE SENSITIVITY		-43dBm
DIAGNOSTIC FACILITY		Local analog loopback with self test
		Remote digital loopback with self test
		Local digital loopback
		Programmable test-timer
DIALING CAPABILITY		Touch-tone, rotary-dial pulse and adaptive dialing
EXTRA MEMORY		Modificable Non-voltatile RAM stores:
		A. Telephone number up to 4 sets
		B. Two Configuration Profiles (other than mechanical DIP switch setting)
COMMAND BUFFER		54 characters