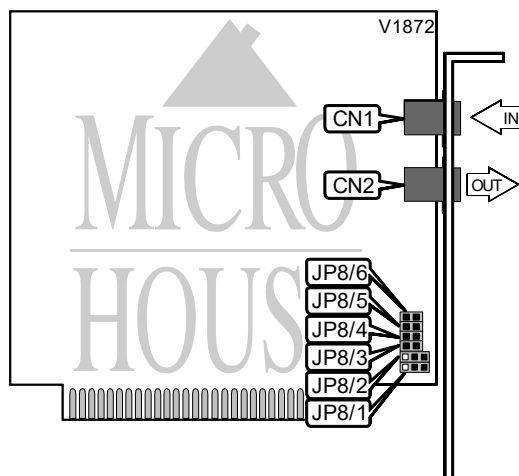


# WISECOM, INC.

## DATA/FAX MODEM 14.4 V.32BIS

<b>Card Type</b>	Fax, Modem (asynchronous)
<b>Chip Set</b>	Unidentified
<b>Maximum Data Rate</b>	14.4Kbps
<b>Maximum Fax Rate</b>	14.4Kbps
<b>Data Bus</b>	8-bit ISA
<b>Fax Class</b>	Class I
<b>Data Modulation Protocol</b>	Bell 103A/212A
	ITU-T V.21, V.22, V.22bis, V.32, V.32bis
<b>Fax Modulation Protocol</b>	ITU-T V.17, V.21CH2, V.27ter, V.29
<b>Error Correction/Compression</b>	MNP5, V.42, V.42bis



CONNECTIONS			
Function	Label	Function	Label
Line in	CN1	Line out	CN2

SERIAL PORT ADDRESS		
Setting	JP8/1	JP8/2
COM1 (3F8h)	Pins 1 & 2 closed	Pins 1 & 2 closed
COM2 (2F8h)	Pins 2 & 3 closed	Pins 1 & 2 closed
COM3 (3E8h)	Pins 1 & 2 closed	Pins 2 & 3 closed
COM4 (2E8h)	Pins 2 & 3 closed	Pins 2 & 3 closed

INTERRUPT				
Setting	JP8/3	JP8/4	JP8/5	JP8/6
2	Closed	Open	Open	Open
3	Open	Closed	Open	Open
4	Open	Open	Closed	Open
5	Open	Open	Open	Closed

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## Proprietary AT Command Set

AUTO-RETRAIN - FALLBACK/FALLFORWARD	
<b>Type:</b>	Configuration
<b>Format:</b>	AT [cmds] %En [cmds]
<b>Description:</b>	Controls auto-retrain mode and fallback/fall forward
Command	Function
%E0	Auto-retrain disabled
%E1	Auto-retrain enabled
í %E2	Fallback/fall forward enabled

BIT MAPPED REGISTERS	
Register	Default
S14	Unidentified
S16	0
S21	Unidentified
S22	Unidentified
S23	Unidentified
S27	Unidentified
S31	Unidentified
S41	131

BREAK TYPE	
<b>Type</b>	Configuration
<b>Format</b>	AT [cmds] \Kn [cmds]
<b>Default</b>	5
<b>Range</b>	0-5
<b>Description</b>	Configures action of break signal

CONNECT MODE	
<b>Type:</b>	Configuration
<b>Format:</b>	AT [cmds] \Nn [cmds]
<b>Description:</b>	Sets connect mode
Command	Function
\N0	Normal mode enabled

FAX TRANSMIT LEVEL	
<b>Type:</b>	Register
<b>Format:</b>	AT [cmds] S92=n [cmds]
<b>Default:</b>	10
<b>Range:</b>	0-15
<b>Unit:</b>	-1dBm
<b>Description:</b>	Controls fax transmission level

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# WISECOM, INC.

## DATA/FAX MODEM 14.4 V.32BIS

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FLASH DIAL MODIFIER TIME	
<b>Format:</b>	AT [cmds] S29= <i>n</i> [cmds]
<b>Default:</b>	0
<b>Range:</b>	0-255
<b>Unit:</b>	.01 second
<b>Description:</b>	Time the modem will go on-hook upon receiving the ! dial modifier in dial string.

FLOW CONTROL CHARACTER - XOFF	
<b>Type:</b>	Register
<b>Format:</b>	AT [cmds] S33= <i>n</i> [cmds]
<b>Default:</b>	19
<b>Range:</b>	0-255
<b>Unit:</b>	ASCII
<b>Description:</b>	Sets the character used to represent XOFF

FLOW CONTROL CHARACTER - XON	
<b>Type:</b>	Register
<b>Format:</b>	AT [cmds] S32= <i>n</i> [cmds]
<b>Default:</b>	17
<b>Range:</b>	0-255
<b>Unit:</b>	ASCII
<b>Description:</b>	Sets the character used to represent XON

LINE SIGNAL LEVEL	
<b>Type:</b>	Immediate
<b>Format:</b>	AT [cmds] %L [cmds]
<b>Description:</b>	Returns a value which indicates the received line signal level

LINE SIGNAL QUALITY	
<b>Type:</b>	Immediate
<b>Format:</b>	AT [cmds] %Q [cmds]
<b>Description:</b>	Returns a value which indicates line signal quality

RPI	
<b>Type:</b>	Configuration
<b>Format:</b>	AT [cmds] +H <i>n</i> [cmds]
<b>Description:</b>	Controls RPI and sets DTE speed
<b>Command</b>	<b>Function</b>
+H0	RPI disabled
+H1	RPI enabled, DTE speed 19200bps
+H2	RPI enabled, DTE speed 38400bps
+H3	RPI enabled, DTE speed 57600bps

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DATA/FAX MODEM 14.4 V.32BIS

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SLEEP TIMER	
<b>Format</b>	AT [cmds] S24= <i>n</i> [cmds]
<b>Default:</b>	0
<b>Range:</b>	0-255
<b>Unit:</b>	1 second
<b>Description:</b>	Maximum duration of DTE and DCE inactivity allowed prior to initiating low-power sleep mode.

TRANSMIT ATTENUATION LEVEL	
<b>Type:</b>	Register
<b>Format:</b>	AT [cmds] S91= <i>n</i> [cmds]
<b>Default:</b>	10
<b>Range:</b>	0-15
<b>Unit:</b>	-1dBm
<b>Description:</b>	Controls transmission attenuation level