



## MicroLink 56k i



V.90 high-speed modem for industrial use

### Technical specifications

<b>Data transfer standards and protocols</b>	V.17, V.21, V.21 channel2, V.22, V.22bis, V.23, V.27ter, V.29, V.32, V.32bis, V.33, V.34, V.80, V.90, K56flex, Bell103, Bell212A full-duplex
<b>Transfer rates</b>	Receive: 300 – 56,000 bps Send: 300 – 33,600 bps
<b>Transfer procedures</b>	asynchronous or synchronous
<b>Error correction</b>	V.42 and MNP Class 4
<b>Data compression</b>	V.42bis and MNP Class 5
<b>Command set</b>	Extended AT command set according to V.250, V.253, (see fax and voice operation)
<b>Fax operation</b>	2400-14.400 bps according to V.17, V.33, V.29 and V.27ter Fax command set TR-29.2 Class 2 (SP-2388), Class 2.0 (TIA/EIA-592), Class 2.1 (ITU-T T.32), Class 1 (TIA/EIA-578) and Class 1.0 (ITU-T T.31)
<b>Voice operation</b>	Voice command set according to ITU-T V.253, TIA/EIA IS 101 and Rockwell
<b>Dialing method</b>	dtmf tone and puls dial
<b>External call</b>	Via flash function or digit
<b>Bit rate adaption</b>	Automatic according to V.8, V8bis and V.100 (disengageable)
<b>Access control</b>	<ul style="list-style-type: none"> <li>Security call-back (automatic call-back function)</li> <li>Remote configuration with password protection</li> </ul>
<b>Operating surveillance</b>	9 LEDs: <ul style="list-style-type: none"> <li>Power</li> <li>TxD (transmit data)</li> <li>RxD (receive data)</li> <li>DTR (data terminal ready)</li> <li>DSR (data set ready)</li> <li>RTS (request to send)</li> <li>CTS (clear to send)</li> <li>DCD (data carrier detect)</li> <li>OH (off hook)</li> </ul>
<b>Computer interface</b>	V.24/RS-232, D-Sub9 socket Automatic bit rate and data format recognition: Bit rate: 300 – 230400 bps, asynchronous Data format: 10/11 bit, parity: even/odd/none ( 7,e,1 7,o,1 8,n,1 8,e,1 ) Handshake: RTS-CTS, XON-XOFF
<b>Line adapter</b>	Country-specific
<b>Line type</b>	Tip/ring line
<b>Power supply</b>	9 – 30 V AC, 9 – 42 V DC
<b>Weight</b>	330 g
<b>Signal level/adaption</b>	According to TBR21
<b>Power consumption</b>	2.75 W typ., sleep mode: 1.75 W typ.
<b>Security</b>	Supervisory circuit: <ul style="list-style-type: none"> <li>Integrated hardware watchdog</li> <li>Electrical supervision via power fail</li> </ul>
<b>Environment</b>	humidity 0 – 80%, non-condensing <ul style="list-style-type: none"> <li>storage: -25°C - 85°C (= (-13)°F - 185°F)</li> <li>operation: 0°C - 55°C (= 32°F - 131°F)</li> </ul>
<b>Miscellaneous</b>	<ul style="list-style-type: none"> <li>Power up- call</li> <li>DTR dial</li> <li>20 quick dialing method</li> <li>Flash technology (firmware update)</li> <li>Integrated microphone</li> <li>Integrated loudspeaker</li> <li>On-off switch</li> </ul>



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<b>Operating systems</b>	Windows®98, Windows®NT4.0, Windows®Me, Windows®2000, Windows®XP
<b>Approvals</b>	CE-compliant in accordance with R&TTE technical requirements for all EU countries and Switzerland: EN60950: 1992+A1: 1993+A2: 1993+A3: 1995+A4: 1996+A11:1998 EN55024: 1998 parts: EN61000-4-2,3,4,6 EN55022: 1998 parts: EN61000-3-2,3

### Sales information

<b>Article number</b>	01813 DE, AT, CH
<b>EAN code</b>	4250059618138
<b>Warranty</b>	3 years
<b>Service and Support line</b>	Phone: 0180-5338656 (within Germany) E-mail: support@devolo.de
<b>On-Site Help</b>	Phone: 01805-665066 (within Germany)
<b>Sales</b>	Phone: +49 (0)241-1827979 Fax: +49 (0)241-1827997 E-mail : vertriebsinfo@devolo.de
<b>Design</b>	robust, stackable aluminium housing
<b>Dimensions</b>	108 x 38 x 140 mm (width x height x depth)
<b>Weight</b>	1000 g
<b>Packaging size</b>	30 x 11x 19 cm (width x height x depth)
<b>Package contents</b>	Computer connection cable: V.24 cable (D-Sub9) Telephone connection cable: RJ11-RJ11 (3m) and RJ11-TAE6N (3m) Power adapter: 9V/800mA AC, EU Adapter: 9-25-pin (D-Sub9-D-Sub25) Documentation: manual (in print) CD-ROM: Windows® drivers (98, NT4.0, Me, 2000, XP), PDF manual