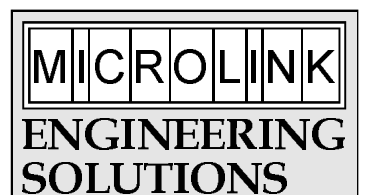


MICROLINK

Price List

MARCH 2003



MICROLINK SYSTEMS

MICROLINK systems consist of PC compatible I/O hardware and software. Once you have discussed your application with one of our experienced field sales engineers, we will recommend the best system for your particular requirements. Unless otherwise indicated, all our hardware comes with the Windmill software suite for Windows. All prices exclude VAT and delivery charges. A full listing of conditions of sale is available on request. Biodata Ltd can provide comprehensive post-sales support tailored to each customer's individual requirements. On-site commissioning of systems, operator training and extended warranties are some of the facilities we routinely provide.

MICROLINK 700 SERIES SYSTEMS

The MICROLINK 700 units plug into the computer's USB port. You can connect up to 8 700 Series units to one PC.

Order Code		£	Order Code		£
700 Series USB Devices with Windows Software			590 Series Connection and Conditioning Units		
751	16 Analogue inputs, 32 digital inputs/outputs, 8 event counters, up to 160 samples per second, with Windmill software	595	590	Boxed screw terminal card	115
752	16 Analogue voltage inputs or 8 analogue resistance inputs (or a combination of the two), 24 digital inputs/output, 8 event counters, 2 analogue voltage or current outputs, up to 160 samples per second with Windmill Software	795	590-8A	Boxed mA current detection card, arranged as 8 current + 8 voltage inputs	150
770	16 Analogue inputs, up to 100 000 samples per second, with Windmill Streamer software	795	593	Isothermal box for temperature measurement	135
			594	Boxed 16 bridge inputs card	180

MICROLINK 1500 SERIES SYSTEMS

MICROLINK 1500 systems comprise distributed I/O hardware which links to your PC compatible computer. They consist of at least one base unit mounted on a Din rail. Into this are plugged one or two I/O cards and, if necessary, a Control Card. Each system is supplied with the Windmill suite of software for logging, charting, control, etc. The Din rail mounted system is expandable to over 1000 channels at distances of up to 1 km. The 1500 is processor based and communicates via RS232 or multidrop RS485 with the host computer.

Order Code		£	Order Code		£
Base Units and Enclosures			Digital Inputs and Outputs Cards		
1500	Din rail mounting base unit with screw terminals	195	1510	16 Digital Inputs	220
1503	Din rail mounting base unit with 37-way D connectors	195	1511	8 Digital Inputs and 8 Digital Outputs	250
1504	Steel Enclosure for 2 base units and power supply	225	1512	16 Digital Outputs	280
1505	Steel Enclosure for 4 base units and power supply	295	1513	16 TTL Input/Output Card for 1500DIOS	250
Control Cards			Count and Frequency Inputs Card		
1580	Control Card with IML	595	1520	4 16-Bit Totalise and Frequency Counters	260
Power Supply and Signal Conditioning			Analogue Outputs Cards		
1590	240 V 2 A Power supply	135	1530	4 Voltage Outputs	300
1591	110 V 2 A Power supply	135	1531	4 4–20 mA Current Outputs	350
1592	24 V 2 A Power supply	135	1532	4 Isolated 4–20 mA Current Outputs	590
1593	12 V 2 A Power supply	135	Analogue Inputs Cards		
1594	Isothermal box for thermocouple input	135	1550	16 Voltage Inputs	380
1595	10 V 1 A Transducer power supply	135	1551	16 Analogue Inputs with RMS	420
1599	Minimum 0.5 hour battery back-up for any of above	135			

MICROLINK 3000 SERIES SYSTEMS

Our most versatile system, the MICROLINK 3000 Series covers both low-speed logging and control applications, and high-speed streaming of data onto the computer's hard disk. Each system is supplied with the Windmill suite of software for logging, charting, control, etc.

Order Code		No of module slots occupied	£	Order Code		No of module slots occupied	£
MICROLINK 3000 Frames				304x Analogue to Digital Converters			
3000	Frame with 18 module slots		595	3042	16-bit A-D converter	1	335
3001	Industrial frame with 17 module slots		645	3043	Buffered 16-bit A-D	2	545
3200	Frame with Ethernet control and 17 module slots		1095	3044	Integrating 13-bit A-D	1	335
Control Cards				305x Multi-Channel Analogue Inputs			
3301	RS232 Serial control card (with IML)	0	430	3050	16 Differential voltage inputs	1	495
3303	Remote serial interface control card	0	460	3051	16 Resistance analogue inputs	2	660
	This card is used with Biodata's 2007 Adaptor card			3052	16 Analogue bridge inputs	2	705
3304	USB control card	0	350	3053	16 Analogue RMS inputs	2	690
3201	Embedded Windmill control card	8	995	3054	32 Analogue Inputs	2	715
Power Supply Options				307x High Speed Facilities			
3400	Replacement power supply card	0	140	3070	High speed scanning control	1	560
3401	12V DC power card				includes Windmill Streamer software		
	As replacement for standard card	0	140	3071	High speed digital buffer	1	320
	Additional to standard card	0	280	380x Signal Pre-Conditioning			
3402	24V DC power card			These modules are used with the 3000 Series input modules to provide additional signal conditioning. The input module with which each 380x module is normally used is indicated below. Other input modules can be used with the 380x facilities—contact the Sales Office for further information.			
	As replacement for standard card	0	140	3800	4 pH inputs (for 3050)	2	185
	Additional to standard card	0	280	3801	8 Opto-isolators (for 3020 and 3021)	1	165
3405	Transducer power supply card	1	95	3802	16-bit Up/down counter (for 3071)	1	565
399x Manuals and Accessories				3803	8 Isolated analogue inputs (for 3050)	1	815
3990	Additional User's Manual		50	3804	Count to voltage conversion (for 3050)	1	605
3995	Certificate of conformance		50	3805	Frequency to voltage conversion (for 3050)	1	195
301x Digital Input, Output and Control				3806	AC LVDT excitation (for 3050)	1	195
3010	32 Digital I/O lines	1	310	3090x Screw Terminals			
3010D	3010 with status display	3	490	3900	Left hand general screw terminals	1	95
3011	4 Heavy duty relays	2	300	3901	Right hand general screw terminals	1	95
3011D	3011 with status display	3	395	3902	Thermocouple connection module	1	110
3012	8 Change-over reed relays	1	310	3903	Isothermal box for thermocouples	0	135
3012D	3012 with status display	2	405	3904	Strain gauge connection module	1	95
3013	16 Isolated digital inputs	1	355	3905	DIN rail screw terminals	0	95
3013D	3013 with status display	2	450	3906	Boxed screw terminal card	0	115
3014	16 Isolated digital outputs	1	390	3000 Series Hardware Tools			
3014D	3014 with status display	2	485	AL8	8 Alarm inputs	1	325
3015	4 Video switching relays	3	485	ALT	Tree connection for AL8s	1	255
3015D	3015 with status display	4	570	GPC	General purpose counter	1	500
302x Timers and Counters				SMC	Stepper motor controller	1	545
3020	8 Event counters	1	500	RS232	RS232 buffered I/O	1	325
3021	8 Event/frequency counters	2	750	WDT	Watchdog timer	1	185
3022	24-bit Counter-timer	1	400				
303x Analogue Output							
3030	4 12-bit D-A voltage	1	535				
3031	4 12-bit D-A current	1	590				
3032	12-bit D-A	1	370				
3033	16-bit D-A	1	485				

CONNECTING LEADS AND ADAPTORS

Order Code		£	Order Code		£
2007	Serial RS485 interface adaptor Plugs into the computer and enables RS485 communications for the 1500 and 3003	85	L-37D	37-Way D to 37-Way D lead - 2 m	20
L2	D25F to D9F - 2 m (for connecting 3301 card to ISA bus computer)	20	L-BNC	BNC-BNC lead - 2 m	20
L3	Serial lead - 2 m (for connecting 3303 card to 2007 card in computer)	20	L5	D9F to D9F - 2 m lead (for connecting 1500 to RS232 port of ISA bus PC)	20
			L6	PX3SRT to PX3SRT - 2 m lead (for connecting 1500 to RS485 port of 2007 card)	20

Other lead lengths and connectors available. Prices on request.

WINDOWS SOFTWARE

Biodata Ltd provide a variety of Windows-based applications software packages. The software runs on 486 PCs (and better). Each hardware system we sell is accompanied by appropriate software (normally Windmill). However, if your requirements grow you can easily add extra software modules - for example for process mimic generation, alarm logging or sequence control. Free demos of the Windmill software are available from our web site (<http://www.microlink.co.uk/>).

Order Code		£	Order Code		£
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WINDMILL SOFTWARE: 32-BIT

The Windmill software runs under Windows 2000, XP and earlier versions.

Windmill

145

Data logging package for low speed applications (up to 200 samples per second) supporting MICROLINK 700, 1500 and 3000 Series. Includes software signal generator, SetupIML, Control Panels, DDE Panel, Chart and Logger applications, and any one device driver. Automatically supplied with all our Microlink systems, except those for high speed applications.

Windmill Additional Applications

WM512	Graphics	195
WM521	Test-Seq	195
WM525	Test-Seq for Incinerators	495
WM522	PIDSet	195
WM523	Alarm Logger	195
WM524	Replay	195
WM541	Blackboard	145

Additional Windmill Drivers

WM051-232	Serial device driver (COMIML)	145
WM051-DDE	DDE server driver (Harvester)	145

Windmill IML Tools

Speed up programming of measurement, control and analysis applications with the new IML Tools Active X controls. You can use the Tools from Excel, JavaScript, Visual Basic and other programming languages. (Needs Windmill to be installed.)

WM520	IML Tools	195
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WAVEFORM ANALYSIS SOFTWARE

WFA01	FAMOS	1495
WFA03	FAMOS Upgrade	295

FAMOS is a sophisticated package for waveform and signal analysis. As the sole UK distributor for FAMOS, Biodata Ltd are able to offer attractive educational and OEM/reseller price discount structures. Please contact the Sales Office for further details.

Site Licences are available on each individual order for multiple copies of either Windmill or Windspeed packages. Contact the Sales Office for further details.

We also offer a comprehensive customised software service through our associate companies. Please ask for details.

CONDITIONS OF SALE

- VAT:** Prices exclude VAT so UK purchasers should add 17.5% to prices.
- Account Holders:** Account holders, nett 30 days from invoice date.
- Delivery:** Prices exclude delivery charges.
- Guarantee:** Biodata Ltd will repair or replace without charge

any instrument, manufactured by themselves, which fails in normal service within one year of purchase date. This excludes failure caused by misuse.

- Cancellation Charges:** Order cancellation charges will be applied at the discretion of Biodata Ltd. Biodata Ltd reserve the right to alter prices without prior notice.