

Product Overview Datafox terminals on microcontroller base

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Detailed product brochures and devices based on PC, see www.datafox.de or call us at Phone: +49 (0) 36967 - 595-0

Products	TimeboyIV	TimeboyIV Mobil-PZE	Vehicle Data Logger V2 for Timeboy	KYO Oneloc	KYO Inloc	KYO Cenloc	EVO 3.5 Pure Time & access terminal	EVO 5.0 Pure Time & access terminal	EVO 3.5 Universal	EVO 4.3 Multifunction-Terminal	EVO 4.6 FlexKey	PZE-MasterIV V4	PZE-MasterIV Basic V4	AE-MasterIV V4	IO-Box V4	Mobil-Box V4
Presentation case – Request Info -																
applications	TNA Time & Attendance O-T-R Order time recording AC Access Control / Door monitoring P-D-C Production Data Collection MDC Machine Data Collection PDE process data recording MDA mobile data acquisition VDAS vehicle data acquisition / Telematics	TNA O-T-R P-D-C MDA VDAS / Telematics	AC TNA P-D-C MDC PDE Remote Control Technology	AC TNA P-D-C MDC PDE Remote Control Technology	AC TNA P-D-C MDC PDE Remote Control Technology	TNA O-T-R AC P-D-C MDC PDE MDA VDAS	AC TNA MDC PDE Remote Control Technology	TNA O-T-R AC P-D-C MDC PDE MDA VDAS	TNA O-T-R AC P-D-C MDC PDE MDA VDAS	TNA O-T-R AC P-D-C MDC PDE MDA VDAS	TNA O-T-R AC P-D-C MDC PDE MDA VDAS	TNA O-T-R AC P-D-C MDC PDE MDA VDAS	TNA O-T-R AC P-D-C MDC PDE MDA VDAS	TNA O-T-R AC P-D-C MDC PDE MDA VDAS	MDC PDE Remote Control Technology MDA AC	VDAS/ Telematics Dispomanager fleet management MDC PDE AC on vehicles
Parameterization / setup with	DatafoxStudioIV	DatafoxStudioIV	DatafoxStudioIV	DatafoxStudioIV	DatafoxStudioIV	DatafoxStudioIV	DatafoxStudioIV	DatafoxStudioIV	DatafoxStudioIV	DatafoxStudioIV	DatafoxStudioIV	DatafoxStudioIV	DatafoxStudioIV	DatafoxStudioIV	DatafoxStudioIV	DatafoxStudioIV
Communication DLL version	04.xx.xx	04.xx.xx	04.04.xx	04.04.xx	04.04.xx	04.04.xx	04.04.xx	04.04.xx	04.04.xx	04.04.xx	04.04.xx	04.04.xx	04.04.xx	04.04.xx	04.04.xx	04.04.xx
Housing	PC-ABS INFINO NH-1015V V0	PC-ABS INFINO NH-1015V V0	PC-ABS INFINO NH-1015V V0, aluminium sheet	ABS	PC-ABS INFINO NH-1015V V0, aluminium sheet	aluminium/steel sheet	ABS Rotec 1001FR V014	ABS Rotec 1001FR V014	ALU frame, real glass front	Front: ALU frame, real glass, housing tray: ABS Rotec 1001FR V014	Front: ALU frame, real glass, housing tray: ABS Rotec 1001FR V014	ABS	ABS	ABS	PC-ABS INFINO NH-1015V V0, aluminium sheet	PC-ABS INFINO NH-1015V V0, aluminium sheet
Protection class	IP65	IP65	IP20	IP20	IP20	Rack IP10 Wall IP65	IP54	IP54	IP65	IP 65 front side IP54 total	IP 65 front side IP54 total	IP 65 front side IP54 total	IP50	IP 65 front side IP54 total	IP20	IP20
Size: width x height x depth [mm]	148 x 70 x 15	148 x 70 x 15	81 x 92 x 44	∅ 53 x 35 / 45mm	81 x 92 x 34	Rack 485 x 88 x 433 Wall 300 x 400 x 128	109 x 200 x 85	109 x 200 x 85	85 x 208 mm x 27	140 x 270 x 98	140 x 270 x 98	130 x 360 x 70	130 x 237 x 55	170 x 280 x 60	81 x 92 x 34	81 x 92 x 34
CPU	ATMEGA 256 8 bit, 8 MHz	ATMEGA 256 8 bit, 8 MHz	CPU 32 Bit 168 MHz	CPU 32 Bit 168 MHz	CPU 32 Bit 168 MHz	CPU 32 Bit 168 MHz	CPU 32 Bit 168 MHz	CPU 32 Bit 168 MHz	CPU 32 Bit 168 MHz	CPU 32 Bit 168 MHz	CPU 32 Bit 168 MHz	CPU 32 Bit 168 MHz	CPU 32 Bit 168 MHz	CPU 32 Bit 168 MHz	CPU 32 Bit 168 MHz	CPU 32 Bit 168 MHz
Program memory	256 KB	256 KB	512 KB	2 MB	2 MB	2 MB	2 MB	2 MB	2 MB	2 MB	2 MB	2 MB	2 MB	2 MB	2 MB	2 MB
Display	Color-TFT 2,0" 220x176 pixels with backlight	5 x LED	3 x LED	2 x LED	5 x LED	480 x 320 pixels Color Display with LED backlight	480 x 320 pixels Color Display with LED backlight	800 x 480 pixels Color Display with LED backlight	320 x 480 pixels Color Display with LED backlight	4,3" 480x272 pixels Color Display with LED backlight	6,94" 480x800 pixel Color Display with LED backlight	320 x 240 pixels Color Display with LED backlight	320 x 240 pixels Color Display with LED backlight	320 x 240 pixels Color Display with LED backlight	5 x LED	5 x LED
Data memory	4 MB Flash	4 MB Flash	4 MB Flash	4 MB Flash	4 MB / 16 MB Flash	16 MB Flash	4 / 16 MB Flash	4 / 16 MB Flash	4 / 16 MB	16 MB Flash	16 MB Flash	16 MB Flash	16 MB Flash	16 MB Flash	4 / 16 MB Flash	4 / 16 MB Flash
Memory expansion SD Card 1 GB					X	X	X	X		X	X	X	X	X	X	X
Keyboard	25 Keys	3 Keys				Touch-Display	Touch-Display	Touch-Display customisable	Touch-Display	Touch customisable	Touch customisable	9 Keys	7 Keys	29 Keys		
Obtaining temperature range	- 20°C to + 60°C	- 20°C to + 60°C	- 20°C to + 70°C	- 20°C to + 40°C	- 20°C to + 60°C	- 20°C to + 60°C	- 20°C to + 60°C	- 20°C to + 60°C	- 20°C to + 50 °C	- 20°C to + 60°C	- 20°C to + 60°C	- 20°C to + 60°C	- 20°C to + 60°C	- 20°C to + 60°C	- 20°C to + 60°C	- 20°C to + 60°C
Power input (depending on the equipment)	0,5 mA to 150 mA	0,5 mA to 150 mA	2 Watt to 10 Watt	2 Watt to 10 Watt	2 Watt to 10 Watt	3 Watt to 20 Watt	3 Watt to 10 Watt	3 Watt to 10 Watt	4 Watt to 10 Watt	4 Watt to 15 Watt	5 Watt to 16 Watt	3 Watt to 12 Watt	3 Watt to 12 Watt	3 Watt to 12 Watt	2 Watt to 10 W	2 Watt to 10 W
Communication module integrated. <small>Please note the overview of the possible communication types.</small>	RS232 external by Docking	RS232 external by Docking	RS485 external by Docking	RS485 external by Docking	USB - Connection to PC from Docking V2	USB - Connection for stick from Docking V2	TCP/IP (LAN) by Docking	wireless Internet access X	Mobile GPRS LTE 3G/4G x	Unique (EM4102), Hitag 1,2,S, Titan / EM4450 / Hewi, Legic, Mifare, ...	Unique (EM4102), Hitag 1,2,S, Titan / EM4450 / Hewi, Legic, Mifare, ...	Unique (EM4102), Hitag 1,2,S, Titan / EM4450 / Hewi, Legic, Mifare, ...	Unique (EM4102), Hitag 1,2,S, Titan / EM4450 / Hewi, Legic, Mifare, ...	Unique (EM4102), Hitag 1,2,S, Titan / EM4450 / Hewi, Legic, Mifare, ...	Unique (EM4102), Hitag 1,2,S, Titan / EM4450 / Hewi, Legic, Mifare, ...	Unique (EM4102), Hitag 1,2,S, Titan / EM4450 / Hewi, Legic, Mifare, ...
Transponder reader integrated			external reader via RS485	external reader via RS485	external reader via RS485	external reader via RS485	external reader via RS485	external reader via RS485	external reader via RS485	external reader via RS485	external reader via RS485	external reader via RS485	external reader via RS485	external reader via RS485	external reader via RS485	external reader via RS485
iButton reader					ext. RS485 Reader	ext. RS485 Reader	ext. RS485 Reader								ext. RS485 Reader	ext. RS485 Reader
Magnetic card reader																
integrated barcode reader	X	X														
RS232 for external barcode / RFID reader																
fingerprint																
GPS integrated	X	X	X													
inputs	2 x digital	2 x digital	2 x digital	2 x digital/analog	4 x digital / module ¹ 4 x analog / module ¹	up to 38 digital and 12 analog	4 x digital / module ¹ 4 x analog / module ¹	4 x digital / module ¹ 4 x analog / module ¹	2 x digital/analog	4 x digital / module ¹ 4 x analog / module ¹	4 x digital / module ¹ 4 x analog / module ¹	4 x digital / module ¹ 4 x analog / module ¹	4 x digital / module ¹ 4 x analog / module ¹	4 x digital / module ¹ 4 x analog / module ¹	4 x digital / module ¹ 4 x analog / module ¹	4 x digital / module ¹ 4 x analog / module ¹
outputs			1 x Relay 42V 60W ¹	1 x relay 42V 60W ¹ 1 x active output	2 x relay 42V 60W per module ¹	up to 16 changeover relay, 30V AC, 30V DC, 2A, max. 60 Watt	2 x relay 42V 60W per module ¹	2 x relay 42V 60W per module ¹	1 x relay 42V 60W ¹ 1 x active output	2 x relay 42V 60W per module ¹	2 x relay 42V 60W per module ¹	2 x relay 42V 60W per module ¹	2 x relay 42V 60W per module ¹	2 x relay 42V 60W per module ¹	2 x relay 42V 60W per module ¹	2 x relay 42V 60W per module ¹
IO processing / MDC	X	X	X													
IO module connected via separate RS232																
AC II with RS485 for ext. transponder readers																

Request a test version. Completely free of charge! Simply request by price list and test for 4 weeks.

¹ - I / O modular expandable see pricelist