MA-15** series **Industrial communication**

COMMUNICATION **CONVERTER**

Mindman

Features

- Auto tuner baud rate, 300~115200bps.
- 3000 VDC isolation protection.
- ESD protection.
- Power Inputs +10~+30VDC (RS-232 type).
- No external power supply (USB type).
- Fully compliant with USB 1.1 / 2.0.
- DIN-Rail or wall mounting.
- Driver support Windows 98/ ME/ 2000/ XP/ Window7/ WinCE/ Mac/ Vista/ Linux/ Android/ Windows Server 2008 R2.

Order example

MA — 1520U

MODEL

Model	Interface
MA-1520	RS-232 to RS-485
MA-1521	RS-232 to RS-485 / 422 / 232
MA-1520U	USB to RS-485
MA-1521U	USB to RS-485 / 422 / 232
MA-1571U	USB to RS-485 / 422 / 232

Specification

Model	MA-1520	MA-1521	MA-1520U	MA-1521U	MA-1571U
Interface	RS-232 to RS-485	RS-232 to RS-485/422/232	USB to RS-485	USB to RS-485/422/232	USB to RS-485/422/232
Speed	Auto Tuner baud rate, 300~115200 bps				
Transfer distance	Max. 1,200 m for speed 9.6 K bps; max. 400m for speed 115.2 K bps				
Supports max device	Maximum of 256 devices (Without repeater)				
ESD protection	Yes				
Supply voltage	10~ 30 VDC		—		
Power consumption	Nearly 24V/0.5W		Nearly USB Port/0.5W		
OS driver	—		Windows 98 / ME / 2000 / XP Window7(32/64 bit)/ WinCE / Vista (32/64 bit) / Linux / Mac		Windows 98 / ME / 2000 / XP/Window7(32/64bit) / WinCE/Vista (32/64 bit) / Linux /Mac / Windows Server 2008 R2/ Android
Operation temperature	-20~+75°C (No freezing)				
Storage temperature	-25~+80°C (No freezing)				
Installation	DIN-Rail or wall mounting				
Connection	DB9(Female to RS-232)/USB(Type B); Removable 13-pin Terminal Block (For RS-422 / 485 / 232)				
Size (L×W×H)	120×77×40 mm (with bracket)				

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Application software

Mindman editor
● Support Model: MA series distributed control system
● Support OS: Windows 98 / ME / 2000 / XP / Vista / Window7

Mindman utility
● Support Model: MA series distributed control system / MA series remote modules
● Support OS: Window98 / ME / 2000 / XP / Vista / Window 7

MA-152*U driver / AMB128 driver
● Support Model: MA series industrial communication/ MA series memory card
● Support OS: Window98 / ME / 2000 / XP / Vista (32/64 bit) / Window 7(32/64 bit) / WinCE / Linux / Mac
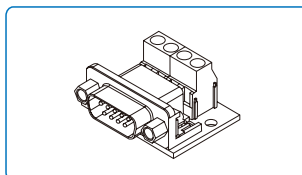
MA-1571U driver
● Support Model: MA series industrial communication
● Support OS: Window98 / ME / 2000 / XP / Vista (32/64 bit) / Window 7(32/64 bit) / WinCE / Linux / Mac / Window Server 2008 R2 / Android
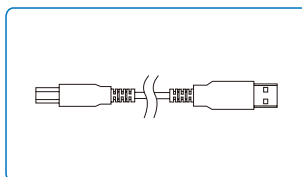
Accessories   ## Applicable model

ADP090401
● All type
● Adapter board

MA-1188*, MA-1189*
MA-1520,MA-1521,
MA-10,**
MA-3016

USB1800
● MA series converter
● USB cable

MA-1520U, MA-1521U,
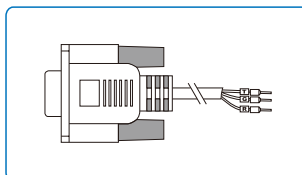**MA-1571U**

AMB128
● MA series DCS series
● Memory card
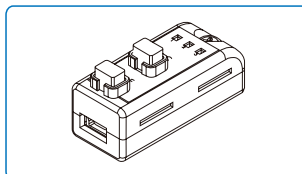
MA-1188*, MA-1189*

DSCAB
● MA series DCS series
● Adapter cable

MA-1188*, MA-1189*
MA-1520, MA-1521,
MA-10,**
MA-3016