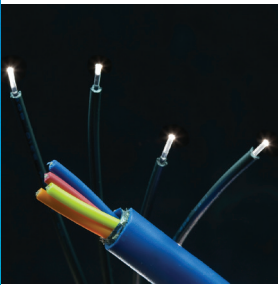


Maximize the potential of the IND560x with the ACM500



Globally recognized approvals

certify the ACM500 as a non-hazardous area accessory for the IND560x, making it available for use worldwide.



Safe connection

over fiber optic or intrinsically safe current loop to the IND560x in the hazardous area, allows for fast, bi-directional communication without the need for additional signal barriers.



Flexible connectivity

including Ethernet and additional serial interfaces. Numerous PLC interfaces are available, allowing integration of hazardous area applications into larger facility management systems.



Industrial housing

is constructed of stainless steel and certified IP66. The housing will withstand harsh environments, and includes integrated mounting brackets to simplify installation.



ACM500 Communication Module

The ACM500 accessory communication module exists to expand the capabilities and connectivity of the IND560x industrial terminal.

The ACM500 is designed for installation only within the non-hazardous area. The module provides a safe communication link between the IND560x terminal in the hazardous area and non-hazardous area peripheral devices such as PLCs, PCs, printers or another METTLER TOLEDO terminal. It can be equipped with one of a variety of PLC interfaces, and also provides expanded serial communication and Ethernet connectivity.

ACM500 communication module

ACM500 Features and Benefits

- Choose to communicate via an intrinsically safe current loop connection **or** fiber optics. Both interfaces offer two dual-channel communication ports
- Scalable to application need – Ethernet TCP/IP option includes two additional serial ports. Multiple PLC connectivity options available
- Ethernet and serial connections support these standard protocols:

	Serial	Ethernet
Demand Printing	x	x
METTLER TOLEDO continuous	x	x
Continuous Template	x	x
Report Printing	x	x
Remote I/O	x	
Remote Display	x	
ASCII Input	x	
CPTZ Printing	x	
SICS	x	
Totals Report Printing	x	x
EPrint Outputs		x

- PLC interfaces offer direct communication to a variety of control systems, providing a high level of real-time information and control options
- Common accessories – Ethernet/Serial and PLC interface available for use with ACM500 are the same interfaces used with the IND560x
- Interfaces installed in the ACM500 are configured from within the user-friendly setup menu of the IND560x
- Potential ACM500 configurations:

	Interface slot [choose 1]	Expansion slot 1	Expansion slot 2 [choose 1]
Intrinsically safe current loop	x		
Fiber optic	x		
Ethernet TCP/IP, COM2/COM3 Serial		x	
PROFIBUS® DP			x
DeviceNet™			x
Analog output			x
EtherNet/IP™			x
Modbus TCP			x

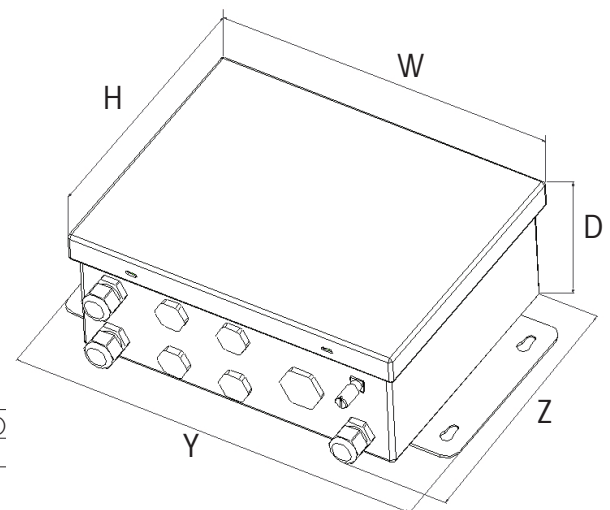
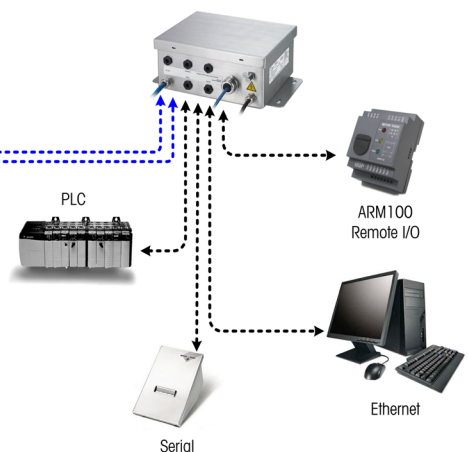
Enclosure Dimensions (H x W x D)	210 x 265 x 106 mm (8.3 x 10.4 x 4.2 in.)	
Overall footprint (Y x Z)	Includes integrated mounting brackets: 320 x 217 mm (12.6 x 8.5 in.)	
Shipping weight	5.5 kg (11.2 lb) approximate gross	
Enclosure construction/ environmental protection	Stainless steel enclosure, certified IP66	
Operating environment	10° to 40° C (14° to 104° F) at 10% to 95% relative humidity, noncondensing	
Power	Operates at 100-240 VAC, 50/60 Hz, 250 mA Integrated universal power supply; includes cord for country of use	
Connection to terminal	Maximum distance from the IND560x terminal: 300m (1000 ft) Maximum 115k baud communication rate between ACM500 and IND560x	
Discrete I/O options	Communicate with up to three ARM100 remote I/O modules through optional COM3 serial port Will communicate with 2 ARM100s if the IND560x is utilizing an internal, hazardous area I/O option The IND560x in conjunction with the ACM500 can manage a maximum of 12 inputs and 18 outputs	
Ex approvals	US & Canada: AIS / I, II, III / 1 / ABCDEFG; Entity; IP66 Control drawing 72191600 [AIS = Associated apparatus with intrinsically safe connection]	IECEx: BVS 15.0069 With current loop interface [Ex ib Gb] IIC [Ex ib Db] IIIC With fiber optic interface [Ex op is Gb] IIC [Ex op is Db] IIIC
	Europe:	BVS_08_ATEX_E_100 With current loop interface II (2) G [Ex ib] IIC II (2) D [Ex ibD] With fiber optic interface II (2) GD [Ex op is] IIC

Hazardous Area



Non-Hazardous Area

ACM500



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Subject to technical changes
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 MTWT 30226858 EN 00 LTR

www.mt.com/IND560x for more information