



12612E00

WebCode MT-536A

Remote HMI next generation:
The PC is located in the safe area and the Remote PC in the hazardous area under the toughest ambient conditions.



Applications

- > Operator interface for process automation
- > Machine automation
- > For use on ships and offshore platforms

Highlights

- > KVM-box with connection via VGA and PS2 or digitally via DVI and USB, or even as a Thin Client
- > Connectivity with all PC-based automation systems
- > Ethernet, making it network, WLAN and internet compliant at a distance of up to 2 km

	ATEX					
Zone	0	1	2	20	21	22
Ex interface			x			x
Installation in			x			x

Selection Table

Version	Display	Function keys	Interfaces	Ethernet	Order number	Art. no.	PS	Weight
	Size							kg
MT-536	38 cm / 15"	8	RS-232; RS-422/485	fibre optic copper	MT-536-FX MT-536-TX	202182 202183	40 40	15.400 15.400
MT-556	48 cm / 19"	8	RS-232; RS-422/485	fibre optic copper	MT-556-FX MT-556-TX	202184 202185	40 40	23.350 23.350

Note Please quote the additions to the order number as separate positions

Order Number Supplement

Interfaces	additional WCRI interface for example for Wiegand reader	5x6-WCRI	202200	40	0.100
	additional RSI interface for example for barcode reader	5x6-Rsi	202199	40	0.100
Front plates	front plate stainless steel instead of polyester on seawater-proof aluminium, function keys polyester, for MT-536	536-VA	202197	40	
	front plate stainless steel instead of polyester on seawater-proof aluminium, function keys polyester, for MT-556	556-VA	202198	40	

Ordering example

Version:

Remote HMI MT-556 with copper Ethernet and keyboard in QWERTZ design, built into a stainless steel enclosure on a base and a KVM box

Ordering information:

Pos.	Order number
1	MT-556-Tx
2	KBDi-PS2-QZ
3	HSG-x56-V2A-SL
3.1	HSG-xx6-V2A-SL-STF
4	5x6-KVM-digital

Technical Data

Explosion protection ATEX	 II 3 (3) G Ex d e mb nA nL [nL] [op is] IIC T4  II 3 (2) G Ex d e mb nA nL [ib] [op is] IIC T4  II 3 (2) D Ex tD A22 IP65 T90 °C	
Other certificates	GOST-R	
Version	MT-536	MT-556
Display		
Version	TFT-Color, 262.144 colours	TFT-Color, 262.144 colours
Size	38 cm / 15"	48 cm / 19"
Resolution	XGA, 1024 x 768 pixels	SXGA 1280 x 1024 pixels
Type	High Brightness 600 cd/m ²	TFT 300 cd/m ²
Background lighting	CFL Backlight	CFL Backlight
Operation		
Keyboard	Polyester on aluminium plate	Polyester on aluminium plate
Function keys	8	8
Softkeys	--	--
Alphanumeric keys and system keys	--	--
Dimensions [mm]		
Front (WxH)	440 x 340 mm	535 x 425 mm
Cutout (WxHxD)	427.5 x 327.5 x 165 mm	522.5 x 412.5 x 165 mm

Accessories and Spare Parts

Designation	Version	Order number	Art. no.	PS	Weight kg
KVM box	Digital KVM-switch for ET/MT-5x6 KVM ports to the computer: • 2 x PS2 connector (keyboard/mouse) • 1 x USB-B connector (keyboard/mouse to the computer) • 1 x USB-B connector (Virtual Media to the computer) • 1 x DVI-I connector (monitor, DVI/VGA) • 1 x Stereo jack plug (audio) Remote HMI connection: • 10Base-T, 100Base-Tx Ethernet	5x6-KVM-digital	202150	43	1.000
DIN rail kit KVM box	DIN-rail mounting set	5x6-KVM-DINrailKit	202193	43	1.000
Mounting set 1 KVM box	Mounting set for 19"-Rack 1 KVM box	5x6-KVM-RackMountKit-1	202191	43	1.000
Mounting set 2 KVM boxes	Mounting set for 19"-Rack 2 KVM boxes	5x6-KVM-RackMountKit-2	202192	43	1.000
Media converter/ switch	single-port fibre switch from 10/100 Base-Tx (4 x RJ45 port) to 100 Base-Fx "Ex op is" (1 x optical fibre cable port MTRJ), including patch cable VB-SC-MTRJ	SK-KJ1710	104236	43	0.206
	4-port fibre switch from 100 Base-Fx "Ex op is" (4 x optical fibre cable port MTRJ) to 10/100 Base-Tx (1 x RJ45 port), incl. 4 x patch cable VB-SC-MTRJ	SK-KJ1740	168473	43	0.227

Accessories and Spare Parts

Designation	Version	Order number	Art. no.	PS	Weight kg
Intrinsically safe card reader	Wiegand effect reader with WCRi interface	WCRi-HID-Swipe	104247	43	0.500
Barcode Scanner	handheld scanner with Ex i interface	BCSi-SK200-RSST	104240	42	1.000
	radio scanner with Ex e interface (package including base station, charger and belt holder)	BCSi-SK300-Pack	168521	42	4.000
BCSi Wall holder	Wall holder, incl. mounting material	BCSi-SK200-Wall-holder	202715	43	1.000
Card reader, intrinsically safe, contactless	Ex i Mifare card reader with RSi interface	RFIDi-RDR-1-MIF	202714	43	1.000
Memory	USB stick, intrinsically safe, 16 GB, with recovery function and backup function	USBi-Drive-16GB-Recovery	171402	43	0.500
	USB extension and holder with USB plug connector for front side IP65 or installation in field enclosure	VB-USB-Plug	104166	43	0.200
Ex i Keyboard	in QWERTZ, 105 keys, PS2 interface	KBDi-PS2-QZ	104257	43	1.800
	in QWERTY, 105 keys, PS2 interface	KBDi-PS2-QY	104258	43	1.800
	in AZERTY, 105 keys, PS2 interface	KBDi-PS2-AY	104259	43	1.800
Ex i Keyboard with integrated Trackball	in QWERTZ, 107 keys, PS2 interface, trackball	KBDi-TB50-PS2-QZ	104260	43	2.500
	in QWERTY, 107 keys, PS2 interface, trackball	KBDi-TB50-PS2-QY	104261	43	2.500
	in AZERTY, 107 keys, PS2 interface, trackball	KBDi-TB50-PS2-AY	104262	43	2.500
Ex i Keyboard with integrated Joystick	in QWERTZ, 107 keys, PS2 interface, joystick	KBDi-JS-PS2-QZ	104263	43	2.500
	in QWERTY, 107 keys, PS2 interface, joystick	KBDi-JS-PS2-QY	104264	43	2.500
	in AZERTY, 107 keys, PS2 interface, joystick	KBDi-JS-PS2-AY	104265	43	2.500
Exi Trackball	diameter 50 mm, PS2 interface	TBi50-PS2	104269	43	0.600
Ex i Joystick	IP65, PS2 interface	JSi-1-PS2-VA-cc	202180	43	1.000
	IP65, USB interface	JSi-2-USB-VA-cc	202181	43	1.000
Field cable	patch cable MTRJ => SC (SK-KJ1710 --> Exicom)	VB-SC-MTRJ	104133	43	0.200
	patch cable 3 m, 2 x RJ45 (SK-KJ1710 --> PC / plug)	VB-SFTP-CAT5-Patch-3,0	104169	43	0.200
	Patch cable 3 m, Open => RJ45 (Eagle/Open HMI => plug)	VB-TP-CAT5-Exe-RJ45-Patch	104170	43	0.200
	Copper field cable, CAT5E, AWG22 price per metre	VB-TP-CAT5-AWG22	166458	43	- -
	RJ45 plug, metal, can easily be customized in the field	VB-RJ45-PLUG-180	166459	43	0.100
	extension of scanner interface to flange socket M12	VB-BC-3	166457	43	0.200
	Adapter for DIN rail mounting SC --> SC	VB-SC-SC-jack	104176	43	0.200
	MilTac breakout optical fibre cable, basic length 2 m, with SC plugs on both sides	VB-FO-MIL-SC-SC-2m	202201	43	0.500
	MilTac breakout optical fibre cable, additional length in metres, price per metre	VB-FO-MIL-xm	202202	43	- -
	indoor breakout optical fibre cable, basic length 2 m, with SC plugs on both sides	VB-FO-SC-SC-62V04G-2m	202203	43	0.500
	indoor breakout optical fibre cable, additional length in metres, price per metre	VB-FO-62V04G-xm	202204	43	- -

Note: Enclosures and enclosure accessories can be found under "Enclosures for ET- / MT-xx6, Series HSG"