



Automatización Eléctrica
Especialistas en Automatización

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IP65 panel PCs

Notes:
1) EMC: Class A product, see page 553

The compact and robust panel PCs with IP65 protection allow you to use reliable PC technology directly on the machine. Thanks to WLAN capability, the devices can be installed without any time-consuming or costly wiring – a huge advantage for machines used in various locations. High-performance wireless technology allows you to transmit even large volumes of data reliably and quickly.

Additional features:

- Optimum network connection by means of Gigabit Ethernet or WLAN
- Energy-efficient Intel® ATOM™ processors
- High system availability, thanks to a fanless design which is suitable for industrial applications and the absence of moving parts
- Fully enclosed housing with IP65 protection
- Extended temperature range of -20°C to +55°C
- Comprehensive range of accessories including practical brackets that allow you to install your panel PC in a space-saving and reliable manner.

	Technical data
Display data	
Display	20.3 cm/8" TFT active
Monitor resolution	800 x 480 Pixel (WVGA)
Display lighting type	LED
Brightness	400 cd/m ² , typical (adjustable)
Display backlight MTBF	> 50000 h
Touch screen	Resistive industrial touch screen
Computer data	
Processor (configuration option)	Atom™ 1.1 GHz Z510
Main memory (configuration option)	1 GB DDR2 RAM 2 GB DDR2 RAM
Data memory (configuration option)	Flash SSD 1 GB Flash SSD 2 GB Flash SSD 4 GB Flash SSD 8 GB
Interfaces	COM 1 (RS-232), 3 x USB 2.0, 1 x on the front (can be deactivated via software), 1 x PS/2 keyboard/mouse
Optional interfaces	Wireless LAN
Graphics card	Intel® SCH US15W with integrated graphics
Network	2x Ethernet (10/100/1000 MBit), RJ45
Power supply unit	24 V DC +/- 20%
External dimensions	
Width	254 mm
Height	182 mm
Depth	62 mm
General data	
Degree of protection	IP65
Ambient temperature (operation)	-20 °C ... 55 °C
Permissible humidity (operation)	10% ... 85% (no condensation)
Mounting type	Depends on the configuration
Vibration (operation)	DIN EN 60068-2-6
Shock	DIN EN 60068-2-27

Ordering data			
Description	Type	Order No.	Pcs. / Pkt.
Panel PC in IP65 with touchscreen, configurable	VMT 3008 ¹⁾	2913852	1
Panel PC with IP65 protection with touch screen, sunlight readable display, closed housing			

Accessories			
Connector	External power supply unit	Table stand	Support bracket left/right
FMC 1,5/ 4-STF-3,81 BD:PE-24V	VMT 300X EXT PS	VMT TISCHFUSS	VMT HALTEWINKEL LI/RE
1701307	2913861	2900946	2900933
50	1	1	1
Bracket connection adapter	VMT GALGENANSCHLUSSADAPTER		
	2900962		
	1		
Bracket according to VESA standard	VMT HALTERUNG VESA		
	2900959		
	1		



20.3 cm (8") display



26.4 cm (10.4") Sunlight readable display



30.7 cm (12.1") Sunlight readable display



38.1 cm (15") display

Technical data		Technical data		Technical data		Technical data	
VMT 3010	VMT 3010 EXP SUN ¹⁾	VMT 3012 ¹⁾	VMT 3012 EXP SUN ¹⁾	VMT 3015 ¹⁾	VMT 3015 EXP SUN ¹⁾	VMT 3015 ¹⁾	VMT 3015 EXP SUN ¹⁾
26.4 cm/10.4" TFT active 1024 x 768 Pixel (XGA) LED 400 cd/m ² , typical (adjustable) Optical bonding > 50000 h Resistive industrial touch screen		30.7 cm/12.1" TFT active 800 x 600 Pixel (SVGA) CCFL 400 cd/m ² , typical (adjustable) Optical bonding > 50000 h Resistive industrial touch screen		38.1 cm/15" TFT active 1024 x 768 Pixel (XGA) LED 400 cd/m ² , typical (adjustable) > 50000 h Resistive industrial touch screen		38.1 cm/15" TFT active 1024 x 768 Pixel (XGA) LED 400 cd/m ² , typical (adjustable) > 50000 h Resistive industrial touch screen	
Atom™ 1.1 GHz Z510 Atom™ 1.6 GHz Z530 1 GB DDR2 RAM 2 GB DDR2 RAM Flash SSD 1 GB Flash SSD 2 GB Flash SSD 4 GB Flash SSD 8 GB 2.5" SSD 8 GB 2.5" SSD 16 GB 2.5" SSD 32 GB 2.5" HDD, min. 80 GB, 24 x 7 Automotive	Atom™ 1.6 GHz Z530 2 GB DDR2 RAM 2.5" HDD, min. 80 GB, 24 x 7 Automotive	Atom™ 1.1 GHz Z510 Atom™ 1.6 GHz Z530 1 GB DDR2 RAM 2 GB DDR2 RAM Flash SSD 1 GB Flash SSD 2 GB Flash SSD 4 GB Flash SSD 8 GB 2.5" SSD 8 GB 2.5" SSD 16 GB 2.5" SSD 32 GB 2.5" HDD, min. 80 GB, 24 x 7 Automotive	Atom™ 1.6 GHz Z530 2 GB DDR2 RAM 2.5" HDD, min. 80 GB, 24 x 7 Automotive	Atom™ 1.1 GHz Z510 Atom™ 1.6 GHz Z530 1 GB DDR2 RAM 2 GB DDR2 RAM Flash SSD 1 GB Flash SSD 2 GB Flash SSD 4 GB Flash SSD 8 GB 2.5" SSD 8 GB 2.5" SSD 16 GB 2.5" SSD 32 GB 2.5" HDD, min. 80 GB, 24 x 7 Automotive	Atom™ 1.6 GHz Z530 2 GB DDR2 RAM 2.5" HDD, min. 80 GB, 24 x 7 Automotive	Atom™ 1.1 GHz Z510 Atom™ 1.6 GHz Z530 1 GB DDR2 RAM 2 GB DDR2 RAM Flash SSD 1 GB Flash SSD 2 GB Flash SSD 4 GB Flash SSD 8 GB 2.5" SSD 8 GB 2.5" SSD 16 GB 2.5" SSD 32 GB 2.5" HDD, min. 80 GB, 24 x 7 Automotive	Atom™ 1.6 GHz Z530 2 GB DDR2 RAM 2.5" HDD, min. 80 GB, 24 x 7 Automotive
COM 1 (RS-232), 3 x USB 2.0, 1 x on the front (can be deactivated via software), 1 x PS/2 keyboard/mouse		COM 1 (RS-232), 3 x USB 2.0, 1 x on the front (can be deactivated via software), 1 x PS/2 keyboard/mouse		COM 1 (RS-232), 3 x USB 2.0, 1 x on the front (can be deactivated via software), 1 x PS/2 keyboard/mouse		COM 1 (RS-232), 3 x USB 2.0, 1 x on the front (can be deactivated via software), 1 x PS/2 keyboard/mouse	
Wireless LAN Intel® SCH US15W with integrated graphics 2x Ethernet (10/100/1000 MBit), RJ45 24 V DC +/- 20%		Wireless LAN Intel® SCH US15W with integrated graphics 2x Ethernet (10/100/1000 MBit), RJ45 24 V DC +/- 20%		Wireless LAN Intel® SCH US15W with integrated graphics 2x Ethernet (10/100/1000 MBit), RJ45 24 V DC +/- 20%		Wireless LAN Intel® SCH US15W with integrated graphics 2x Ethernet (10/100/1000 MBit), RJ45 24 V DC +/- 20%	
294 mm 244 mm 62 mm		338 mm 261 mm 62 mm		400 mm 305 mm 65 mm		400 mm 305 mm 65 mm	
IP65 -20 °C ... 55 °C 10% ... 85% (no condensation) Depends on the configuration DIN EN 60068-2-6 DIN EN 60068-2-27		IP65 -20 °C ... 55 °C 10% ... 85% (no condensation) Depends on the configuration DIN EN 60068-2-6 DIN EN 60068-2-27		IP65 -20 °C ... 55 °C 10% ... 85% (no condensation) Depends on the configuration DIN EN 60068-2-6 DIN EN 60068-2-27		IP65 -20 °C ... 55 °C 10% ... 85% (no condensation) Depends on the configuration DIN EN 60068-2-6 DIN EN 60068-2-27	

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Type	Order No.	Pcs. / Pkt.	Type	Order No.	Pcs. / Pkt.	Type	Order No.	Pcs. / Pkt.	Type	Order No.	Pcs. / Pkt.
VMT 3010	2701003	1	VMT 3012 ¹⁾	2913959	1	VMT 3015 ¹⁾	2913674	1			
VMT 3010 EXP SUN ¹⁾	2700969	1	VMT 3012 EXP SUN ¹⁾	2700878	1						

Accessories				Accessories				Accessories			
MC 1,5/ 4-STF-3,81 BD:PE-24VSO	VMT 301X EXT PS	VMT TISCHFUSS	VMT HALTEWINKEL LI/RE	VMT GALGENANSCHLUSSADAPTER	VMT HALTERUNG VESA	MC 1,5/ 4-STF-3,81 BD:PE-24VSO	VMT 301X EXT PS	VMT TISCHFUSS	VMT HALTEWINKEL LI/RE	VMT GALGENANSCHLUSSADAPTER	VMT HALTERUNG VESA
1771240	2913933	2900946	2900933	2900962	2900959	1771240	2913933	2900946	2900933	2900962	2900959
50	1	1	1	1	1	50	1	1	1	1	1

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- Purchasing management, order record and tracking of shipments.

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Product	Code	Reference	Product link
IPC with IP65 protection with touch screen, 12.1 display which can be read in sunlight, and enclosed housing.	2700878	VMT 3012 EXP SUN	Buy on EAN
Industrial PC	2700969	VMT 3010 EXP SUN	Buy on EAN
Accessories, external power supply unit for an IPC in IP65 housing	2913881	VMT 300X EXT PS	Buy on EAN
Accessories, external power supply unit for an IPC in IP65 housing	2913933	VMT 301X EXT PS	Buy on EAN