

IT104 and IT105 Terminals

	IT104G	IT104T	IT105B	IT105T
Display type	Graphic LCD TFT 32 tones of grey	Graphic LCD TFT 65k colors	Graphic LCD STN 16 blue tones	Graphic LCD TFT 65k colors
Touch Screen	Analogic Touch Screen		Analog touch screen	
Backlighting	White LED		CCFL	White LED
Minimum lamp life at 25°C	50.000		45.000	50.000
Resolution pixel h-v (inches)	480 x 272 (4.3'')		320 x 240 (5,7'')	
CPU	Intel PXA270 312MHz			
RAM (byte)	64M			
Resident flash array (byte)	32M			
First integrated port	SPI (RS-232/485), COM0		SPI (RS-232/485), COM0	
Second integrated port	SP2 (RS232/485) CAN, Profibus-DP, ProfiNet			
USB port Host	1 x v. 1.1			
USB port Device	-		1 x v. 1.1	
CardBus Slot (for Secure Digital/MMC)	-		1 x Secure Digital	
Compact Flash Slot	-			
Audio port	-			
Integrated (on all models)	Ethernet 10/100 Mbit - RJ45			
Dimensions				
External (W x H x D) (mm)	166 x 112 x 31 (50 with 2 serial ports)		210,9 x 158,6 x 42,8 (62 with 2 serials ports)	
Bore holes (W x H) (mm)	157 x 103		194 x 142	
Hardware Clock	Supercapacitor 72h			
Power supply	18...32 Vdc			
Power consumption (24 Vdc)	~ 7 W		~ 10 W	
Protection level	IP 66 on front			
Working temperature (°C)	0...+50			
Storage/transport temperature (°C)	-20...+65		-20...+65	
Weight (kg)	~ 0,6		~ 1,1	
Humidity (non-condensing)	85%			

Certifications	CE, cULus, Atex (Group II - cat.3 G D - zone 2/22), Vibration EN60068-2-6, Shock EN60068-2-27, Humidity EN60068-2-30, DNV
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Order codes and description

IT104

Touch Screen Terminals, 4,3" display TFT (480 x 272), 32 tones of grey

IT104G0101	4,3" TFT, 32 tones of grey, SP1, USB A, ETH
IT104G0111	4,3" TFT, 32 tones of grey, SP1, SP2, USB A, ETH
IT104G0121	4,3" TFT, 32 tones of grey, SP1, CAN interface, USB A, ETH
IT104G0131	4,3" TFT, 32 tones of grey, SP1, Profibus-DP network, USB A, ETH
IT104G0151	4,3" TFT, 32 tones of grey, SP1, Profinet network, USB A, ETH

IT104

Touch Screen Terminals, 4,3" display TFT (480 x 272), 65K colors

IT104T0101	4,3" TFT, 65K colors, SP1, USB A, ETH
IT104T0111	4,3" TFT, 65K colors, SP1, SP2, USB A, ETH
IT104T0121	4,3" TFT, 65K colors, SP1, CAN interface, USB A, ETH
IT104T0131	4,3" TFT, 65k colors, SP1, Profibus-DP network, USB A, ETH
IT104T0151	4,3" TFT, 65K colors, SP1, Profinet network, USB A, ETH
IT104T0511	4,3" TFT, 65k colors, COM0, SP2, USB A, ETH

IT105

Touch Screen Terminals, 5,7" display STN (320 x 240), 16 tones of blue

IT105B0101	5,7" STN, 16 tones of blue, SP1, USB A, USB B, ETH, SD/MMC slot
IT105B0111	5,7" STN, 16 tones of blue, SP1, SP2, USB A, USB B, ETH, SD/MMC slot
IT105B0121	5,7" STN, 16 tones of blue, SP1, CAN interface, USB A, USB B, ETH, SD/MMC slot
IT105B0131	5,7" STN, 16 tones of blue, SP1, Profibus-DP network, USB A, USB B, ETH, SD/MMC slot
IT105B0151	5,7" STN, 16 tones of blue, SP1, Profinet network, USB A, USB B, ETH, SD/MMC slot
IT105B0511	5,7" STN, 16 tones of blue, COM0, SP2, USB A, USB B, ETH, SD/MMC slot

IT105

Touch Screen Terminals, 5,7" display TFT (320 x 240), 65K colors

IT105T0101	5,7" TFT, 65K colors, SP1, USB A, USB B, ETH, SD/MMC Slot
IT105T0111	5,7" TFT, 65K colors, SP1, SP2, USB A, USB B, ETH, SD/MMC Slot
IT105T0121	5,7" TFT, 65K colors, SP1, CAN interface, USB A, USB B, ETH, SD/MMC Slot
IT105T0131	5,7" TFT, 65K colors, SP1, Profibus-DP network, USB A, USB B, ETH, SD/MMC Slot
IT105T0151	5,7" TFT, 65K colors, SP1, Profinet network, USB A, USB B, ETH, SD/MMC Slot
IT105T0511	5,7" TFT, 65K colors, COM0, SP2, USB A, USB B, ETH, SD/MMC Slot

IT107T and IT107W Terminals

	IT107T	IT107W
Display Graphic type	Graphic LCD 65k Colors TFT	
Touch Screen	Analog Touch Screen	
Backlighting	CCFL	White LED
Minimum lamp life at 25°C	40.000	50.000
Resolution pixel h-v (inches)	640 x 480 (7,5")	800 x 480 (7")
CPU	Intel PXA 270 520 MHz	
RAM (byte)	64M	
Resident flash array (byte)	32M	
First integrated port	SP1 (RS232/485), COM0	SP1 (232/485/MPI)
Second integrated port	SP2 (RS232/485) CAN, Profibus-DP, ProfiNet	SP2 (232/485/MPI), CAN, Profibus-DP
USB port Host	1 x v 1.1	
USB port Device	1 x v 1.1	
CardBus Slot (for Secure Digital/MMC)	Secure Digital	
Compact Flash Slot	-	
Audio port	-	
Integrated (on all models)	Ethernet 10/100 Mbit - RJ45	
External (W x H x D) (mm)	245,9x188,6x37,6 (56,6)	202 x 142 x 39,2 (SP1) 58,2 (SP1-SP2)
Bore holes (W x H) (mm)	233 x 176	194 x 134
Hardware Clock	Supercapacitor 72h	
Power supply	18...32 Vcc	
Power consumption (24 Vdc)	~ 10 W	~ 8 W
Protection level	IP 66 front	
Working temperature (°C)	0...+50	
Storage/transport temperature (°C)	-20...+65	-20...+65
Weight (kg)	~ 2	~ 1,6
Humidity (non-condensing)	85%	
Certifications	CE, cULus, Atex (Group II - cat.3 G D - zone 2/22), Vibration EN60068-2-6, Shock EN60068-2-27, Humidity EN60068-2-30, DNV	

Order codes and description

IT107W

Touch Screen Terminals, 7" Wide display TFT (800 x 480), 65K colors

IT107W0101	7" Wide TFT, 65K colors, SP1, USB A, USB B, ETH, SD/MMC Slot
IT107W0111	7" Wide TFT, 65K colors, SP1, SP2, USB A, USB B, ETH, SD/MMC Slot
IT107W0121	7" Wide TFT, 65K colors, SP1, CAN interface, USB A, USB B, ETH, SD/MMC Slot
IT107W0131	7" Wide TFT, 65K colors, SP1, Profibus-DP network, ETH, USB A, USB B, ETH, SD/MMC Slot
IT107W0101B	7" Wide TFT, 65K colors, SP1, USB A, USB B, ETH, Slot SD/MMC, Battery
IT107W0111B	7" Wide TFT, 65K colors, SP1, SP2, USB A, USB B, ETH, SD/MMC Slot, Battery

IT107T

Touch Screen Terminals, 7,5" display TFT (640 x 480), 65K colors

IT107T0111	7,5" TFT, 65K colors, SP1, SP2, USB A, USB B, ETH, SD/MMC Slot
IT107T0121	7,5" TFT, 65K colors, SP1, CAN interface, USB A, USB B, ETH, SD/MMC Slot
IT107T0131	7,5" TFT, 65K colors, SP1, Profibus-DP network, ETH, USB A, USB B, ETH, SD/MMC Slot
IT107T0151	7,5" TFT, 65K colors, SP1, Profinet network, USB A, USB B, ETH, SD/MMC Slot
IT107T0511	7,5" TFT, 65K colors, COM0, SP2, USB A, USB B, ETH, SD/MMC Slot

IT110, IT112 and IT115 Terminals

	IT110T	IT112T	IT115T
Display Graphic type	TFT Graphic LCD 65k colors		
Touch Screen	Analog touch screen		
Backlighting	CCFL	White LED	
Minimum lamp life at 25°C	30.000	50.000	
Resolution pixel h-v (inches)	640 x 480 (10,4")	800 x 600 (12,1")	1024 x 768 (15")
CPU	Intel PXA270 520MHz		
RAM (byte)	128M		
Resident flash array (byte)	64M		
First integrated port	SP1 (RS-232/485/MPI)		
Second integrated port	SP2 (RS-232/485/MPI), CAN, Profibus-DP, ProfiNet		
USB port Host	2 x v. 1.1		2 x v. 1.1 (1 front)
USB port Device	1 x v. 1.1		
CardBus Slot (for Secure Digital/MMC)	1 x Secure Digital		
Compact Flash Slot	1 x Compact Flash		
Integrated (on all models)	2 x Ethernet 10/100 Mbit - RJ45		
Dimensions			
External (W x H x D) (mm)	336,3 x 256 x 62,9		425 x 300 x 66,8
Bore holes (W x H) (mm)	314 x 240		399 x 274
Hardware Clock	Supercapacitor 72h		
Power supply (Vdc)	18...32		18...32
Power consumption (24 Vdc)	~ 15 W		~ 20 W
Protection level	IP 66 front		
Working temperature (°C)	0...+50		
Storage/transport temperature (°C)	-20...+65		
Weight (kg)	~ 2,8		~ 6

Humidity	85% (non-condensing)
Certifications	CE, cULus, Atex (Group II - cat.3 G D - zone 2/22), Vibration EN60068-2-6, Shock EN60068-2-27, Humidity EN60068-2-30, DNV

Order codes and description

IT110

Touch Screen Terminals, 10,4" display TFT (640 x 480), 65K colors

IT110T01120	10,4" TFT, 65K colors, SP1, SP2, 2xUSB A, USB B, 2xETH, SD/MMC Slot, CF Slot
IT110T01220	10,4" TFT, 65K colors, SP1, CAN interface, 2xUSB A, USB B, 2xETH, SD/MMC Slot, CF Slot
IT110T01320	10,4" TFT, 65K colors, SP1, Profibus-DP network, 2xUSB A, USB B, 2xETH, SD/MMC Slot, CF Slot
IT110T01520	10,4" TFT, 65K colors, SP1, Profinet network, 2xUSB A, USB B, 2xETH, SD/MMC Slot, CF Slot
IT110T11120	10,4" TFT, 65K colors, SP1, SP2, 2xUSB A, USB B, 2xETH, SD/MMC Slot, CF Slot, Win CE Pro Plus
IT110T11220	10,4" TFT, 65K colors, SP1, CAN interface, 2xUSB A, USB B, 2xETH, SD/MMC Slot, CF Slot, Win CE Pro Plus
IT110T11320	10,4" TFT, 65K colors, SP1, Profibus-DP network, 2xUSB A, USB B, 2xETH, SD/MMC Slot, CF Slot, Win CE Pro Plus

IT112

Touch Screen Terminals, 12,1" display TFT (800 x 600), 65K colors

IT112T01120	12,1" TFT, 65K colors, SP1, SP2, 2xUSB A, USB B, 2xETH, SD/MMC Slot, CF Slot
IT112T01220	12,1" TFT, 65K colors, SP1, CAN interface, 2xUSB A, USB B, 2xETH, SD/MMC Slot, CF Slot
IT112T01320	12,1" TFT, 65K colors, SP1, Profibus-DP network, 2xUSB A, USB B, 2xETH, SD/MMC Slot, CF Slot
IT112T01520	12,1" TFT, 65K colors, SP1, Profinet network, 2xUSB A, USB B, 2xETH, SD/MMC Slot, CF Slot
IT112T11120	12,1" TFT, 65K colors, SP1, SP2, 2xUSB A, USB B, 2xETH, SD/MMC Slot, CF Slot, Win CE Pro Plus
IT112T11220	12,1" TFT, 65K colors, SP1, CAN interface, 2xUSB A, USB B, 2xETH, SD/MMC Slot, CF Slot, Win CE Pro Plus
IT112T11320	12,1" TFT, 65K colors, SP1, Profibus-DP network, 2xUSB A, USB B, 2xETH, SD/MMC Slot, CF Slot, Win CE Pro Plus

IT115

Touch Screen Terminals, 15" display TFT (1024 x 768), 65K colors

IT115T01120	15" TFT, 65K colors, SP1, SP2, 2xUSB A, USB B, 2xETH, SD/MMC Slot, CF Slot
IT115T01220	15" TFT, 65K colors, SP1, CAN interface, 2xUSB A, USB B, 2xETH, SD/MMC Slot, CF Slot
IT115T01320	15" TFT, 65K colors, SP1, Profibus-DP network, 2xUSB A, USB B, 2xETH,



IT HMI

	SD/MMC Slot, CF Slot
IT115T01520	15" TFT, 65K colors, SP1, Profinet network, 2xUSB A, USB B, 2xETH, SD/MMC Slot, CF Slot
IT115T11120	15" TFT, 65K colors, SP1, SP2, 2xUSB A, USB B, 2xETH, SD/MMC Slot, CF Slot, Win CE Pro Plus
IT115T11220	15" TFT, 65K colors, SP1, CAN interface, 2xUSB A, USB B, 2xETH, SD/MMC Slot, CF Slot, Win CE Pro Plus
IT115T11320	15" TFT, 65K colors, SP1, Profibus-DP network, 2xUSB A, USB B, 2xETH, SD/MMC Slot, CF Slot, Win CE Pro Plus