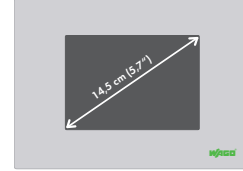


PERSPECTO WP - Web Panel



Specifically configured as a Web browser, the Web Panel connects to controllers with their own Web servers. The CoDeSys 2.3 Web visualization has been specially optimized for the Web Panel.

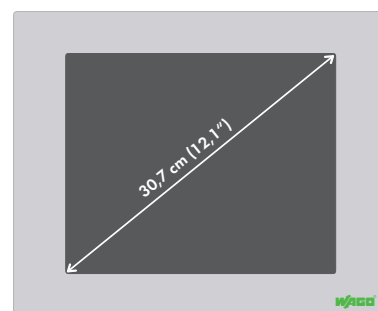
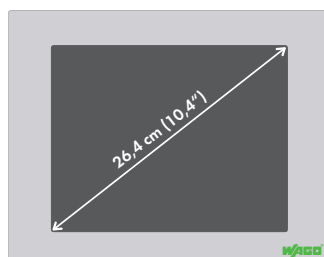


Software configuration:

- Internet browser
- Java virtual machine
- Panel configuration software

Description	Description	Item No.	Pack. Unit	Description	Item No.	Pack. Unit
PERSPECTO WP, Web Panel	WP 35 QVGA	762-1035	1	WP 57 QVGA	762-1057	1

Technical Data						
		TFT		CSTN		
Display		TFT		CSTN		
Screen size (diagonal)		8.9 cm (3.5")		14.5 cm (5.7")		
Display colors		32.768 colors		4.096 colors		
Graphics resolution		320 x 240 pixels		320 x 240 pixels		
Contrast ratio		250:1		35:1		
Viewing angle, horizontal/vertical		-45° ... 45° / -15° ... 35°		-10° ... 30° / -30° ... 30°		
Brightness		560 cd/m ²		350 cd/m ²		
HBT *		50000 hrs.		50000 hrs.		
Operating system		Windows CE 6.0		Windows CE 6.0		
Processor		32-bit ARM9 200 MHz		32-bit ARM9 200 MHz		
RAM / Flash / SRAM		64 Mbytes / 64 Mbytes / 1 MB		64 Mbytes / 64 Mbytes / 1 MB		
Memory expansion		MicroSD card (max. 2 GB)		SD card (max. 2 GB)		
Panel		Touch screen (analog, resistive)		Touch screen (analog, resistive)		
Light transmission		Typ. 80 %		Typ. 75 %		
Durability		100.000 stylus touches		100.000 stylus touches		
Interfaces (USB)		1 x USB 2.0 Host (Type A)		2 x USB 2.0 Host (Type A)		
Interface (ETHERNET)		1 x 10/100 Mbits RJ45		1 x 10/100 Mbits RJ45		
Interface (CAN)		1 x CANopen RJ-45		1 x CANopen RJ-45		
Interface (serial)		RS-485 integrated in CAN		1 x RS-232 D-Sub 9, 1 x RS-232 + RS-485 D-Sub 9		
Front panel		Plastic, polyester film		Plastic, polyester film		
Housing material		plastic		plastic		
Dimensions (W x H x L)		96 x 96 x 29		208 x 150 x 42		
Panel cutout (W x H)		91 x 91		198 x 140		
Fixing		4 x clamping elements		4 x clamping elements		
Power supply		24 V DC (18 V ... 30 V)		24 V DC (18 V ... 30 V)		
Max. input current (24 V)		250 mA		250 mA		
Operating power		8 - 12 W		8 - 12 W		
Operating temperature		0 °C ... +50 °C		0 °C ... +50 °C		
Storage temperature		-10 °C ... +60 °C		-10 °C ... +60 °C		
Relative air humidity (no condensation)		10 - 85 %		10 - 85 %		
Weight		165 g		570 g		
Degree of protection		Front IP65, back IP20		Front IP65, back IP20		
Approvals		CE, UL 508, GL, KC		CE, UL 508, GL, KC		
Accessories		see page 42		see page 42		
CAN and serial interfaces are not supported by software						
* The HBT (Half Brightness Time) is defined as the LED chip brightness decreases to 50% than original brightness, based on Ta = 25 ± 2 °C; RH = 60 ± 10 % condition.						



Description	Description	Item No.	Pack. Unit	Description	Item No.	Pack. Unit
PERSPECTO WP, Web Panel	WP 104 VGA	762-1104	1	WP 121 SVGA	762-1121	1

Technical Data

Display	TFT	TFT
Screen size (diagonal)	26.4 cm (10.4")	30.7 cm (12.1")
Display colors	65.536 colors	65.536 colors
Graphics resolution	640 x 480 pixels	800 x 600 pixels
Contrast ratio	500:1	500:1
Viewing angle, horizontal/vertical	-65° ... 65° / -45° ... 65°	-65° ... 65° / -75° ... 45°
Brightness	430 cd/m ²	400 cd/m ²
HBT *	50000 hrs.	50000 hrs.
Operating system	Windows CE 5.0	Windows CE 5.0
Processor	32-bit XScale 520 MHz	32-bit XScale 520 MHz
RAM / Flash / SRAM	64 Mbytes / 32 Mbytes / 1 MB	64 Mbytes / 32 Mbytes / 1 MB
Memory expansion	CF card (max. 2 GB)	CF card (max. 2 GB)
Panel	Touch screen (analog, resistive)	Touch screen (analog, resistive)
Light transmission	Typ. 80 %	Typ. 80 %
Durability	10 million finger touches	10 million finger touches
Interfaces (USB)	2 x USB 2.0 Host (Type A)	2 x USB 2.0 Host (Type A)
Interface (ETHERNET)	1 x 10/100 Mbits RJ45	1 x 10/100 Mbits RJ45
Interface (CAN)	1 x CAN0 RJ-45, 1 x CAN1 D-Sub 9	1 x CAN0 RJ-45, 1 x CAN1 D-Sub 9
Interface (serial)	1 x RS-232 D-Sub 9, 1 x RS-232 + RS-485/-422 D-Sub	1 x RS-232 D-Sub 9, 1 x RS-232 + RS-485/-422 D-Sub
Front panel	Anodized aluminum, natural, polyester film	Anodized aluminum, natural, polyester film
Housing material	Sheet steel, painted	Sheet steel, painted
Dimensions (W x H x L)	284 x 222 x 46	330 x 268 x 47
Panel cutout (W x H)	268 x 206	312 x 250
Fixing	6 x clamping elements	6 x clamping elements
Power supply	24 VDC (18 V ... 30 V)	24 VDC (18 V ... 30 V)
Max. input current (24 V)	500 mA	500 mA
Operating power	10 - 18 W	10 - 18 W
Operating temperature	0 °C ... +50 °C	0 °C ... +50 °C
Storage temperature	-10 °C ... +60 °C	-10 °C ... +60 °C
Relative air humidity (no condensation)	10 - 85 %	10 - 85 %
Weight	2100 g	2600 g
Degree of protection	Front IP65, back IP20	Front IP65, back IP20
Approvals	CE, UL 508, GL, KC	CE, UL 508, GL, KC
Accessories	see page 42	see page 42

CAN and serial interfaces are not supported by software

* The HBT (Half Brightness Time) is defined as the LED chip brightness decreases to 50% than original brightness, based on Ta = 25 ± 2 °C; RH = 60 ± 10 % condition.