

IS2-42

Information-Totem with 42" Display, Aspect Ratio 9:16 and Full Glass Front

Built-in embedded-PC-unit with energy efficient Intel Multi-Core (Bay Trail)-architecture, integrated power supply, optional (W)LAN and optional touch



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Technical Specifications IS2-42	
Application	Digital Signage, digital guidance system, room occupancy system, digital advertising and many more.
Display	42,0" TFT
Display Resolution	1080 x 1920 dots (RGB), aspect ratio 9:16
Colour Depth	1.06 bil. colours (10 bit)
Brightness	700 cd/m ²
Backlight	energy saving LED edge-backlight
Contrast Ratio	1300:1
Viewing Angle (horizontal/vertical) / Display Technology	178° / 178° (89-89/89-89); CR>10 / TN-technology for landscape-mounting (horizontal format)
Pixel Error Class according to EN ISO 9241-307	II (other classes on inquiry)
Image Sticking	In order to avoid image sticking (burn-in effect) on your display, we recommend that you follow the instructions below: <ul style="list-style-type: none"> • Try to avoid static contents on your display (don't use it as a simple billboard). After 5 minutes any static screen content should be replaced by a moving picture for at least 10 seconds. • If possible, do not always place your logo or other repetitive contents (e.g. greeting template) in the same place. • If possible, do not always fill the background with the same colour. Plan alternating colours or pictures. • Use a moving picture or pure black as a screen saver.
Touch Panel Option	projective capacitive 10-finger multi-touch (PCT), internal USB-connection
Front	top: glass front made of single pane tempered safety glass, bottom: single pane safety glass (standard black)
Chassis	steel parts with powder enamel coating (standard black) on stable metal base plate, optionally in a common powder-coated RAL colour
Power Supply	built-in wide range power supply
Supply Voltage	100 – 240 VAC
Dimensions Totem without base plate	approx. 1935 (H) x 579 (W) x 65 (D) mm
Dimensions base plate with floor bolts	approx. 8 (H) x 591 (W) x 580 (D) mm <i>If the base plate cannot be bolted to the ground, please order the stable anti-tilt base plate!</i>
Dimensions anti-tilt base plate (without floor bolts)	approx. 8 (H) x 800 (W) x 800 (D) mm
Weight	approx. 73 kg including base plate with floor bolts, approx. 77 kg with stable anti-tilt base plate
Cooling	free convection through ventilation slots
Permissible operation temperature	+ 5° ~ + 35°C
Permissible operation humidity	0 % ~ 95% (relative humidity, without condensation)
Noise emission	no perceptible noise due to passive design
IP-protection class	complete unit IP20

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Technical Specifications of the integrated computer module (easily exchangeable unit)	
Processor	Intel Quad-Core Celeron-CPU J1900 / basic clock rate 2,0GHz, max. 2,42 GHz
Chipset	Intel SoC
System Memory	1 SO-DIMM socket for DDR3L 1,35V, 1333 MHz., 4 GB (optionally expandable to max. 8 GB)
Bulk Memory	mSATA SSD with 240GB. Optionally expandable
Graphics	Intel HD-graphics
Graphic Memory	Shared Memory
Connections on the back of the built-in Computer	1 VGA 1 Audio Line-out Stereo (3,5mm phone jack) 1 USB 3.0-Port, 3 x USB 2.0-Port 2 GBit-LAN-ports 1 3,5mm phone jack (brightness sensor optional) 1 mains voltage input (IEC-socket) Optional: 1 SMA WLAN-antenna connection 1 SMA Bluetooth connection 1 Audio output 2x10W rms @ 80hm
BIOS	AMI-BIOS with integrated LAN-Boot ROM-image
Watchdog-Timer	Timeout-Intervals from 1 - 255 min./sec.
System Monitoring & Management	CPU- and system temperature, internal operation voltage
Communication	LAN or WLAN with Wake-on-WLAN (WoWL)-function (WLAN only available with on-wall mounting version (with TSPCs); WoWL only from S3/S4-power-status)
Bluetooth-Communication	The optional WLAN module supports Bluetooth function at the same time.
Safety	Automatic re-boot in case of errors by the built-in watchdog timer. Hardware monitor to control vital system values.
Operating System	Please clarify the Windows version with our sales department before ordering. Other operating systems possible on request. Note: The responsibility for operating system maintenance, updates and, if necessary, adjustments lie with the customer.

Configuration Options	
Chassis Colour black	standard, included in the price
IS RAL	Chassis colour in the RAL colour space
IS ES	Stainless steel chassis
IS LOGO	Logo as film plot on glass faceplate below the display
Solid State Disc (SSD, Bulk Memory)	240 GB included in the standard version, larger SSDs on inquiry
Operation System WIN 7/10 professional	Upgrade to WIN 7/10 professional
IS WLAN	WLAN Module
IS Audio	Integrated body-shaker
IS Camera	Integrated camera
Upgrade to I5 Processor	Computer unit with I5-prozessor on inquiry. Please check the data sheet „ISCS-with-I5“ for details.
ISAM	Alternative module for the installation of a media player/mini PC. Please check the data sheet „ISAM“ for details.