

## ISD-55

Double-Information-Totem with two 55" Full-HD-Displays, Portrait Format, Aspect Ratio 9:16

Two built-in Embedded-PCs with energy efficient Intel Multi-Core (Bay Trail)-architecture, integrated power supply and LAN/optional WLAN. Different screen contents on both displays possible. Optional Touch.



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ISD-55 Characteristics	
Application	Interactive Digital Signage Applications, Advertising, Room Guidance and information Systems
Screen Size (diagonal)	2 x 55" (corresponding 139 cm)
Display type und Resolution	2 x LCD, full-HD (1080(h) x 1920(v) dots), aspect ratio 9:16
Front	top: glass front made of single pane tempered safety glass, bottom: black anodized aluminum, optionally in a common RAL powder-coated colour
Chassis	black anodized aluminum chassis on stable metal base plate (optionally in a common RAL powder-coated colour)
Audio	invisible, built-in speakers/body shakers (option)
User Interaction (HMI)	Projected-Capacitive-Touch behind glass (internal USB-connection) (available on only one or both sides)
Energy Efficiency	Event-driven or process-controlled shutdown outside the operation time. Optional: built-in WLAN module to wake up the Info-Totem from standby, also via W(ireless)-W(ake)-o(n)-L(AN).
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.

ISD-55 Specifications	
Reliability	Passive design with convection cooling. No noise – no rotating wearing parts. Solid-State-disc (SSD) as bulk memory. Computer and power supply as compact, easily exchangeable units for quick service..
Colour Depth	16 million colours (True Colour)
Brightness	700 cd/m <sup>2</sup> (display native)
Contrast	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)
Touch panel-Option (available on one or both sides)	Projected-Capacitive-Touch behind glass , internal USB-Connection (available on one or both sides)
Supply Voltage	100 – 240 VAC
Installation	Bolted to the floor through holes in the base plate. Alternatively free installation with special anti-tilt base plate <b><i>If the base plate cannot be bolted to the ground, please order the stable anti-tilt base plate!</i></b>
Cooling	Free convection through ventilation slots
Dimensions ISD (height including base plate)	1936,5 (H) x 748,7 (B) x 104 (T) mm
Dimensions base plate with floor bolts	760 (B) x 392 (T) mm <b>(Important: only valid if the base plate is bolted to the floor. Otherwise, the stable anti-tilt base plate must be ordered!)</b>
Dimensions anti-tilt base plate (without floor bolts)	1170 (B) x 1170 (T) mm
Weight	approx. 160 kg with base plate with floor bolts, approx. 180 kg with stable anti-tilt base plate

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Technical Specifications of the integrated computer modules (respectively)	
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 mit 240GB. Optionally expandable
Graphics	Intel HD-Graphics
Graphic Memory	Shared Memory
Respective connections on the back of the built-in computers	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- und System temperature, internal operation voltages.
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 a 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. <b>Note:</b> The responsibility for operating system maintenance, updates and, if necessary, adjustments lie with the customer.
Permissible Operation Temperature	0 ~ +40°C
Permissible Operation Humidity	0% ~ 95% (relative humidity without condensation)
IP-Protection Class	complete Unit IP20
Noise	passive design, therefore no perceptible noise

Configuration Options	
Chassis Colour black	Standard, included in the price
Integrated Camera	ISD Camera (extra charge)
Integrated body-shakers and audio amplifiers (Audio-Option)	ISD Audio (extra charge)
WLAN Module	IS WLAN (extra charge) there are two antennas on the top of the unit for optimal WLAN reception
Operating System Windows 7 embedded	Included in the price
Operating System Windows 7 professional	Price on inquiry
ISCS7 with I5	Alternative computer unit with I5-Prozessor against extra charge. Please check the data sheet „ISCS-with-I5“ for details
ISAM	Alternative module for the installation of a media player/mini PC against extra charge. Please check the data sheet „ISAM“ for details.