

IS2-49

Information-Totem with 49“-Display with Aspect 9:16, Full Glass Front, optionally with touch panel.



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General Information	
Application	Digital Signage, building automation, digital guidance system, room occupancy system, digital advertising
Chassis	Powder-coated steel housing in smooth high-gloss or brushed chrome steel with full-glass front
Cooling	Convection cooling without fan
Mounting and installation options	Stand with floor screw approx. 8 (H) x 672 (W) x 580 (D) mm, Standard Tilt-resistant stand approx. 8 (H) x 850 (W) x 850 (D) mm, Optional Wall mounting with optional wall mounting set, Optional Stand feet with powder coating in fine structure

Technical Specification Display	
Display	49"
Display Resolution	3840x2160Pixel (RGB), Aspect Ratio 9:16
Display Technology	IPS
Colour Depth	10 Bit 1.07 million colours
Brightness	700 cd/m ²
Backlight	energy saving LED-Edge-Backlight
Contrast	1100:1
Viewing Angle (horizontal/vertical)	178° /178° (89-89/89-89)
Pixel Error Class according to EN ISO 9241-307	II (other classes on inquiry)
Front	Full glass front with C-edge made of tempered toughened safety glass optionally with Multi-Touch
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 position 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 save

Technical Specification of the integrated computer	
Processor	Intel® Elkhart Lake J6412 Celeron processor 4 cores / base clock 2.0 GHz, max. 2.6 GHz
System memory	2* SO-DIMM socket for DDR4, 3200 MHz. Up to max. 32GB, equipped with 1* 4GB DDR4 SO-DIMM (other capacities optionally available)
Mass storage	1* M.2 M-key PCIe Gen.3 2242/2280 NVMe + SATA socket equipped with 1* x M.2 2280 NVMe 256GB SSD (other capacities optionally available)
Expansion slots	1* M.2 E-Key 2242/2280, 1* M.2 B-Key 3042 in combination with SIM card slot
Graphic	Intel UHD 10th Gen. Graphic shared Memory
Connectors on the back of the built-in calculator	1* HDMI 2.0b 1* Audio line-out/MIC 3.5mm phone jack 3* USB 3.1 (Gen.2) port, 3 x USB 2.0 port 2* Intel® i225V 2.5GbE 1* Power connector (C13 socket) 1* power button, LEDs for power, HDD
BIOS	AMI-BIOS with integrated LAN-Boot ROM-Image
Watchdog-Timer	Timeout-Intervals from 1 – 255 min./sec. (requires Trigger Software)
System Monitoring	CPU- and System temperature, internal operation voltages
Safety	TPM2.0 onboard
Operation System	Windows 10 IOT / Professional, Windows 11 compatible Linux distributions on request Note: The responsibility for operating system maintenance and updates lies with the customer

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Technical Specification	
Dimensions of the totem without stand	approx. 1934 (H) x 660 (W) x 65 (D) mm
Supply Voltage	100 – 240 VAC
Power Consumption	approx. 180 Watt
IP-Protection Class	complete unit IP20
Permissible Operating Temperature	+ 5° ~ + 35°C
Permissible Operating Humidity	0 % ~ 95% (relative humidity, without condensation)
Weight	approx. 75 kg with floor screw base, approx. 95 kg with stable base
Noise Emission	Negligible

Configuration Options	
IS RAL	Chassis colour in RAL colour space or brushed chrome steel, Standard black RAL 9005 included in the price
IS2-49-OPT-WS	Wall bracket in steel colour
IS2-Base-Large	Stable base for mobile use
IS-OPT-WLAN2	Intel Wireless-AC 9260, 2.4Ghz / 5Ghz with Bluetooth 5 WLAN standards: IEEE 802.11a/b/g/n/ac Encryption: WPA, WPA2 Antenna position on the top of the device with 2 pieces 28 mm antennas
IS-OPT-AUDIO1	Audio option with hidden 2x15 watt structure-borne sound transducers
IS49-Touch	behind glass touch projective capacitive 10-finger multi-touch (PCT), internal USB-connection
ISAM	Alternative module for the installation of a media player/mini PC. Please check the data sheet „ISAM“ for detail