

SOPK 55" Portrait

Outdoor totem with heating and ventilation

This high quality totem is ideal screens with a size of 55" (140 cm) and features a VESA mount adapted to the screens hole pattern. It offers a pull out function that ensures optimal service accessibility.

The 6.4 mm thick chemically anti-reflective protective glass (LSG) effectively protects the screen. The totem meets the IP 65 / NEMA 4 (front) and IP 54 (sides / rear) protection classes and is lockable, providing protection against unauthorized access and vandalism.

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It also offers enough space for a mini PC or set top box.

The thermostat- and sensor-controlled temperature management, including an air curtain in front of the panel, enables operation in a temperature range of -25°C to +40°C*.

The impact and scratch resistant powder coating is solvent free and as standard dark grey (C5, RAL 7016).



*Please note! The installed screen must also be suitable for the temperature range. | Technical changes reserved.
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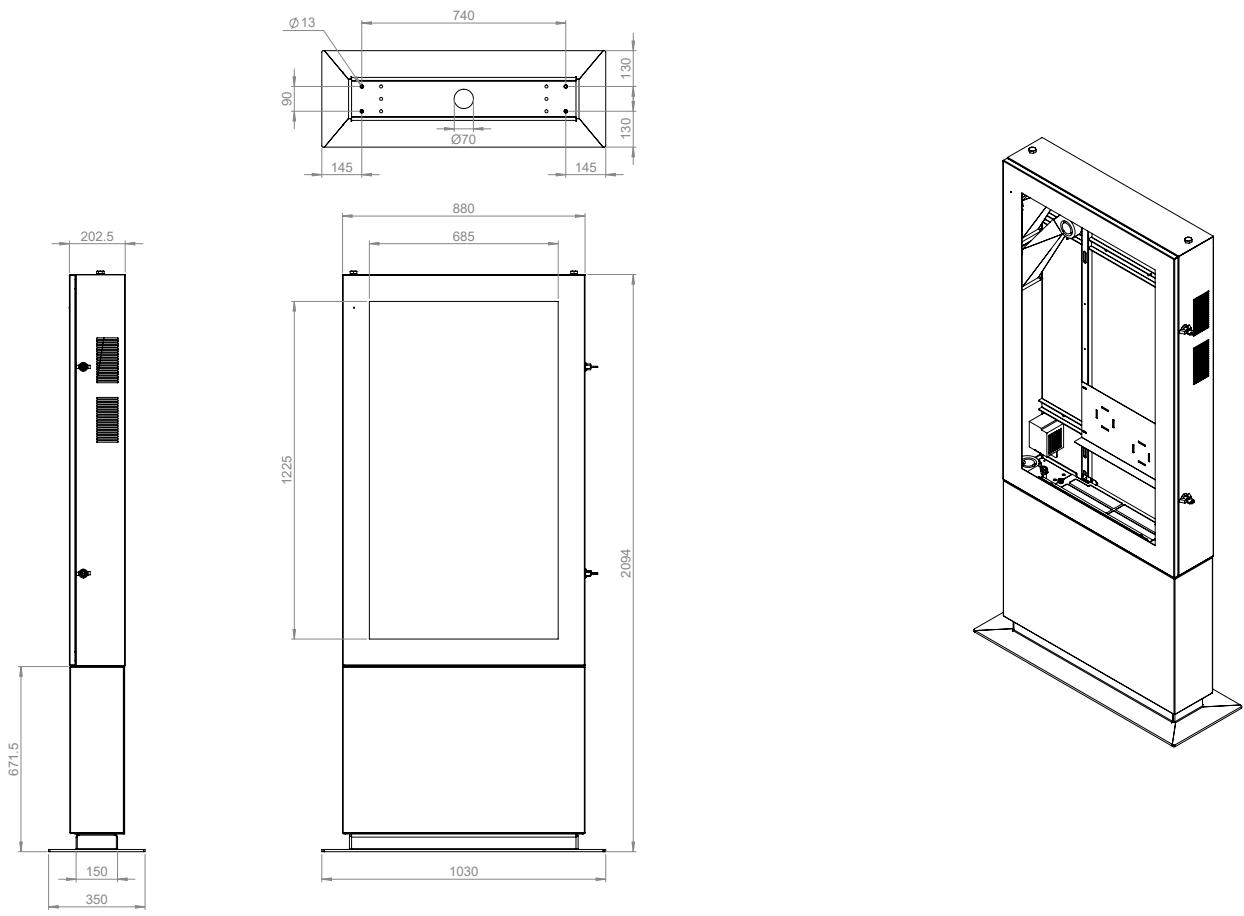
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- Suitable for screens with a size of 55" | 140 cm
- VESA mount, adapted to the hole pattern of the screen
- Incl. pull-out function of screen for optimal service access
- 97 mm maximum installation depth
- Enough space for mini PC or Set Top Box
- 6.4 mm thick,chemically anti-reflective protective glass (VSG)
- Manufactured according to:
IP 65 / NEMA 4 (front) and IP 54 (sides / back)
- Totem is lockable, protection from unauthorized access and vandalism
- Thermostat and sensor controlled temperature management incl. air curtain in front of the panel
- Thanks to high quality heating and high performance ventilation suitable for an ambient temperature range between -25° C and +40° C*
- Material: sheet steel, corrosion resistant coating standard C5, RAL 7016
- Optional:
 - Wi-Fi antenna (Item no.: 2561)
 - PCAP Touch film 20TP 55" (Item no.: 2560)
 - Front glass Solarprotect 55" (Item no.: 2562)**
 - Logo as film plot (Item no.: 2567)
 - Sensor / remote monitoring conditions (Item no.: 2568)
 - Desired RAL colour (Item no.: 2569)

*Please note! The installed screen must also be suitable for the temperature range. **Solarprotect is a special IR and UV-filtering glazing that significantly reduces solar radiation exposure to the enclosure. It is recommended for use in south facing locations, in direct sunlight, in hot climates, or at exposed elevations above approximately 1000 m.



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Outdoor Enclosure – Temperature Range & Adhesion

1. Technical Specifications – Climate Characteristics

Operating Temperature:	-25 °C to +40 °C
Relative Humidity:	10 % to 90 % (non-condensing)
Ventilation:	Active air circulation via integrated fan system
Sunlight Exposure:	Passive heating possible – a display with an extended temperature range may be required

Note:

The specified operating values apply under standard conditions with free air circulation. In cases of direct sunlight exposure or unfavourable positioning (e.g., facing south without shading), thermal heat build-up within the enclosure may occur. This can cause the internal temperature to exceed the maximum specified value.

2. Safety & Operation

Deployment Environment & Temperature Conditions

The outdoor enclosures are designed for use outdoors under typical Central European weather conditions. The recommended operating temperature range is between -25 °C and +40 °C. Safe continuous operation assumes that the maximum ambient temperature does not exceed this range.

Caution:

Direct sunlight, especially with southern orientation or in fully enclosed setups, can significantly increase the internal temperature beyond the ambient temperature. This also applies in cases of limited air circulation or additional heat generated by installed devices (e.g., displays, media players, routers, etc.).

Device Selection Guidelines:

- Use only devices specified for elevated ambient temperatures (at least up to +50 °C).
- Check manufacturer specifications for the permissible operating temperatures of the equipment to be installed.
- The enclosure manufacturer accepts no liability for damage caused by unsuitable devices or thermal overload.

Recommendations to Prevent Heat Build-up:

- Avoid direct south/west orientation without shading.
- Ensure that fans and air outlets are not blocked.

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