

knoXbox 32" to 84"

Premium outdoor protection for expensive indoor technology

- Extreme weather protection
- Provides protection from vandalism
- Easy access and maintenance
- Smooth exterior design - no visible screws
- Multiple safety lock system for high security
- Numerous possibilities to customise appearance
- Modular system for all types of installation

The highly robust base enclosure is manufactured using a specific construction technology developed by ide-tec in Germany. It can be used for a variety of Digital-Out-Of-Home entertainment or information applications.

Suitable for wall mounting, totem stand solutions, integration into facades or for installation in your own design.

The knoXbox can be optimised for all applications. A wide range of accessories and customisable surfaces integrate the knoXbox perfectly into any environment. The style can be classic, modern or rustic - you decide how your knoXbox will look.



- Protected against heavy rain, storms, dirt and dust. Suitable for use in harsh environments and all weather conditions.
- Highly rugged enclosure technology with bumpers, safety glass screen and multiple locking system for protection from vandalism.
- Front glass panel ready for a touch interface. A touch screen can be easily retrofitted.

- During operation the thermal management system can handle exterior ambient temperatures from -35°C to +42°C without using energy-intensive air conditioning. Additional cooling systems and thermal packs are available for areas with extreme temperatures.

55" Landscape Wall Mount Enclosure



47" Portrait Totem / Stand Pillar



55" with Communicator sidebar



...design is a personal choice

For this reason all knoXbox enclosures can be customised to fit with your own corporate identity, to the surrounding environment and architecture, or just to your own personal style.

Enclosures are available in any standard RAL paint finish or for a more unique appearance the finishing panels can be made from a material of your choice for a truly personal look.

Our team are available to help you to choose the best materials and design for your personalised knoXbox.

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Features and functions

Daylight viewable LCD displays produce very high brightness levels which can also produce very high operating temperatures. Add direct sunlight onto the screen and the heat is increased further. This can result in damaging high temperature ranges which may lead to a total failure of the display or other components.

The knoXbox glass helps absorb the sun's energy while the temperature conditions are monitored and balanced by the cooling system to produce the optimal operating environment for the installed equipment.

Sudden low temperatures and extreme cold spells in winter can often be the end for expensive displays - especially in exposed alpine areas.

The knoXbox responds to such extreme situations and controls all the internal components accordingly. Displays and PC/Media Players will be switched off if the temperature becomes critically low and will only be rebooted when optimal operating conditions are reached again.

Thermal management system controls all components and installed equipment.

Operation data log with information function. (Alerts by email or SMS)

Operating status and service indicator lights.

USB port for data requests, updates and remote maintenance.



Safety Glass with UV filter.
• Touchscreen interface option available.

Replaceable side panels (Standard panels are Aluminium powder coated)

• Customisable surfaces, made from brushed steel or coloured aluminium.

• All in one heating and ventilation system with filtered fresh air supply.

• Silent Mode - continuously regulated ventilation avoids nighttime noise emission.

• Vandal-proof multi-locking system with profile locking cylinder.
Covered enclosure access at the bottom.

• Removable fresh air filter

Control unit with remote access

Sophisticated control technology with self-preservation circuitry is at the heart of the knoXbox.

All components including the LCD display and PC/Media Player are optimally controlled and switched in response to the exterior ambient temperature.

There are several predefined control programs available that have been developed and optimised based on years of experience, measurement data and the analysis of weather conditions for different regions.

Internal conditions and environment values are recorded in an event log and the user can be alerted to fault states and upcoming maintenance*.

*PC and network access is required for event message via email.

- Vandal-proof touchscreen for use outdoor
- Professional LCD Public Displays - up to 5,000 nits
- Air-conditioning for high temperature climates (>42°C)
- Intercom systems (Analogue, VoIP, Video etc.)
- Audio and input devices (keypads, speakers etc.)
- Fully customised solutions built to order



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One for all

The base knoXbox enclosure can be easily adapted to any application. Whether mounted on the wall, as a totem/stand kiosk, for installation in a facade design or even as an interactive panorama table with touchscreen input.

The base knoXbox enclosure is always the same.



Flush or Wall mounted

If a concealed mounting is desired, an optional flush-mounting frame can be used to recess the knoXbox into a wall for a seamless appearance.



Free-standing Totem display

The optional totem stand construction with extended side brackets changes the knoXbox into an attractive standalone unit. Available as portrait or landscape orientation for complete flexibility.

The side walls and front panels can be made from custom materials like stone, wood or metal. Allowing the enclosure can be adapted to your Corporate Identity, the environment or your personal taste.

You decide on the look of your knoXbox kiosk...



Outer surfaces can be renewed or replaced at any time.

Facade integration

By removing the outer panels the mounting points of the knoXbox are exposed allowing for seamlessly installation into a facade design. The special swivel mechanism of the front screen ensures that exterior paneling, such as glass, Trespa or similar materials can be fitted to within just a few millimetres without restricting the enclosures ability to open. Only the front glass screen remains visible.

Access to the enclosure via the facade panels is required for maintenance.



Table or Plinth

The console stand for a panoramic plinth turns your knoXbox into a multifunctional interactive surface table.

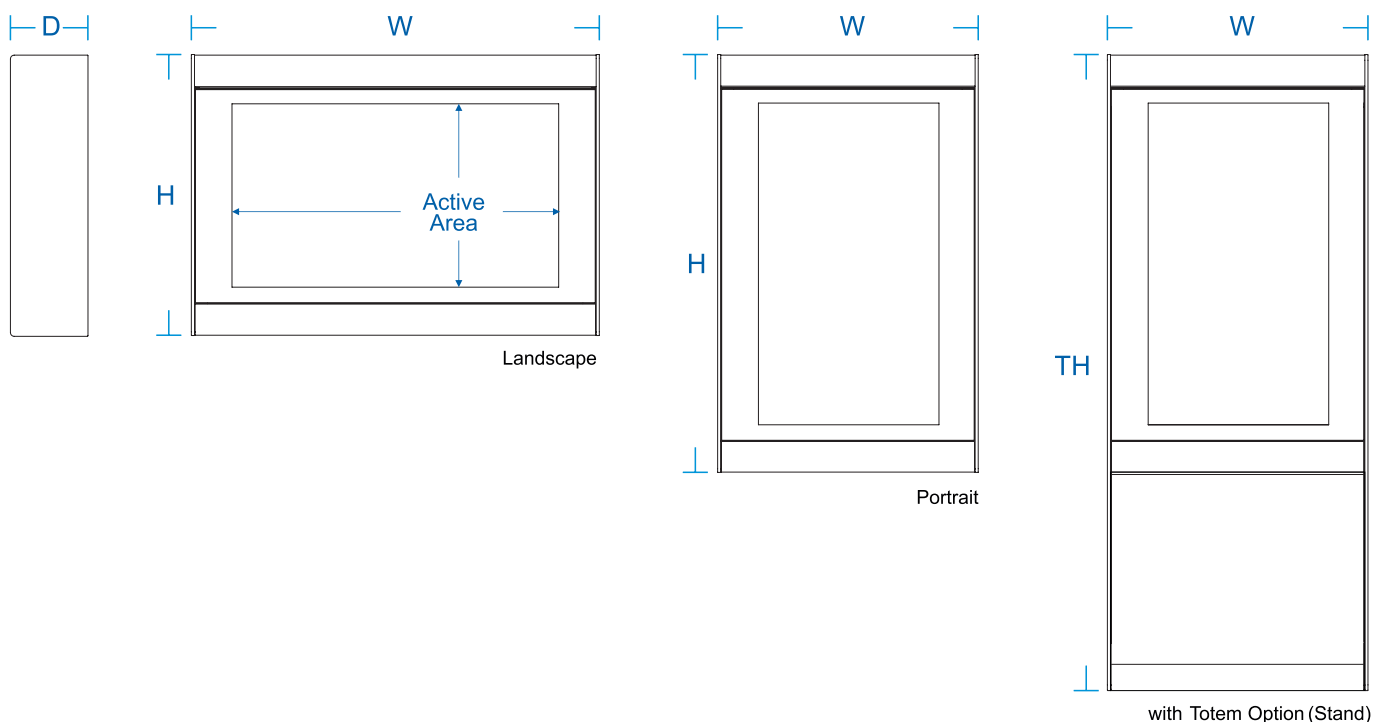
Display information interactively on a large scale without blocking the scenic view. Perfect for outdoor tourist information points away from buildings and other structures.

*Requested by UNESCO for protected areas such as the Aletsch Glacier (Switzerland).



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Dimensions



Dimensions Table

Model	Width (W)	Height (H)	Depth (T)	Totem Height (TH)	Active Area
• 32" Portrait	715	1.076	220	2.000	393 x 698
• 32" Landscape	1.025	766	220	X	698 x 390
• 46/47" Portrait	840	1.347	250	2.220	585 x 1040
• 46/47" Landscape	1.295	889	250	1.945	1040 x 585
• 55" Portrait	940	1.519	250	2.220	688 x 1.217
• 55" Landscape	1.465	992	250	2.043	1.217 x 688
• 60/65" Portrait	1.115	1.790	300	2.567	803 x 1.428
• 60/65" Landscape	1.736	1.167	300	2.220	1.428 x 803
• 70/72" Portrait	1.175	1.945	300	2.620	897 x 1.595
• 70/72" Landscape	1.870	1.245	300	2.120	1.595 x 897
• 84" Portrait	1.326	2.200	300	2.885	1.046 x 1.860
• 84" Landscape	2.140	1.387	300	2.260	1.860 x 1.046