

# Scape X<sup>®</sup> Module

sxm-001

# Operating instructions

# Scape X<sup>®</sup> Objects

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## Notes

This manual applies to the following products:

- Scape X® Module (sxm-001)

### Patent information

**U.S. Patent No. 12,026,328**

**U.S. Patent No. 11,320,947**

**Pat. reg. EP 3574398 (DE, FR, UK, PT)**

**KR Patent No. 10-2566520**

**JP Patent No. 7237143**

**CN Patent No. ZL 201880092584.6**

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# 1. General information

This manual describes how to use the **Scape X® Module** in accordance with the regulations. Please refer to any supplementary documents.

Please note: **The Scape X® Module** is a hardware component only. A valid licence for the **Scape X® Engine** (item no. SXM-OR-001) is required for operation. The module cannot be operated without a valid licence.

For your **Scape X® Module** to work on a compatible touchscreen, the **Scape X® Object Recognition Module** must be activated in the **Touch and Object Assistant** of the **Scape X® Module** if it is not already set up. More information on this can be found in the manual for the **Touch and Object Assistant**. Stable functionality of the objects is only guaranteed when using the **Scape X® Module** in conjunction with components approved by Interactive Scape.

## 1.1. Safety instructions

Observe the following safety instructions before and during use of your **Scape X® Module** to protect yourself, your environment and the **Scape X® Module** from damage

### Moisture, liquids and vapors

Moisture, liquids and vapors can impair the functionality of your **Scape X® Module**.

- Only use the **Scape X® Module** inside buildings.
- Do not allow the **Scape X® Module** to come into contact with liquids.
- Protect your **Scape X® Module** from vapors and moisture.

### Improper cleaning

Improper cleaning with harsh cleaning agents or solvents can damage the **Scape X® Module**.

- Observe the information on cleaning your **Scape X® Module** ([chapter 1.2 Information on cleaning](#)).

### Fires and electric shocks

- Overloaded sockets, extension cables and power strips can cause fires and electric shocks.
- Avoid using power strips and extension cables wherever possible.
- Do not connect several extension cables or socket strips together.
- Only use the power supply unit supplied with the **Scape X® Module**.

### Overheating

Heat build-up can cause the appliance to overheat. This can lead to damage to the appliance.

- Ensure sufficient air circulation around the **Scape X® Module**.
- Observe the core temperature of the appliance - this is displayed in the **Touch and Object Assistant** user interface.



## Surge damage due to lightning

During thunderstorms, there is a risk of overvoltage damage to connected electrical appliances due to lightning strikes.

- Do not install the **Scape X® Module** during thunderstorms.
- Disconnect the appliance from the power supply during thunderstorms.

## Improper opening and repair

Improper opening and improper repairs can result in hazards for users of the appliance.

- Do not open the housing of the device.
- Contact the manufacturer in case of repair.

## Radio interference and interference

Radio interference can be generated by any device that emits electromagnetic signals. Due to the large number of devices that transmit and receive radio waves, interference can be caused by overlapping radio waves.

- Do not use the **Scape X® Module** in places where the use of radio devices is prohibited.
- Especially in hospitals, outpatient health centers, doctors' surgeries and other medical facilities, follow the instructions and directions of authorized persons to switch off radio devices in order to avoid interference with sensitive medical equipment.
- Ask your doctor or the manufacturer of your medical device (pacemaker, hearing aid, implant with electronic control, etc.) whether it will function properly when using your **Scape X® Module**.
- If necessary, maintain the minimum distance of 15 cm recommended by medical device manufacturers to avoid interference with your medical device.

## Explosive environments

Under unfavorable circumstances, radio waves can cause fires or explosions in the vicinity of potentially explosive atmospheres.

- Do not install or operate the **Scape X® Module** near potentially explosive atmospheres, flammable gases, areas where the air contains chemicals or particles such as grain, dust or metal powder, or near blasting sites.
- In places with potentially explosive atmospheres and in the vicinity of blasting sites, follow the instructions for switching off electronic devices to avoid interference with the blasting and ignition systems.

## 1.2. Cleaning information

The **Scape X® Module** generally does not require any maintenance.

Clean the surfaces of the **Scape X® Module** as required.

- Clear water or isopropanol (50%) is suitable for cleaning the surfaces.
- Apply the solution to a soft, lint-free cloth. Avoid coarse materials.
- Moisten the cloth and clean the **Scape X® Module** from all sides.
- Make sure that no moisture gets inside the appliance.

## 1.3. Transportation instructions

Always transport your **Scape X® Module** sufficiently padded and protected from moisture. We generally recommend using the original packaging.

## 2. Instructions for use



A valid licence for the Scape X® Engine (item no. SXM-OR-001) is required to operate the Scape X® Module. This must be purchased separately.



Only use the USB cables supplied with the Scape X® Module or your touchscreen.  
The stable functioning of your Scape X® Module cannot be guaranteed if USB cables other than those specified are used.



Only use the power supply unit supplied with the Scape X® Module.  
No liability can be accepted for damage resulting from the use of a different power supply unit to power your Scape X® Module.

If you have any questions about using the **Scape X® module** or its installation on objects, or if you are unsure, please contact **Interactive Scape Hardware Support**.

You can reach them on weekdays on **+49 30 698 094 150**.

## 3. Troubleshooting tips

If your **Scape X® Module** does not work as intended, please contact **Interactive Scape Hardware Support**. You can reach them on weekdays at **+49 30 698 094 150**.

### 3.1. Manufacturer - Support

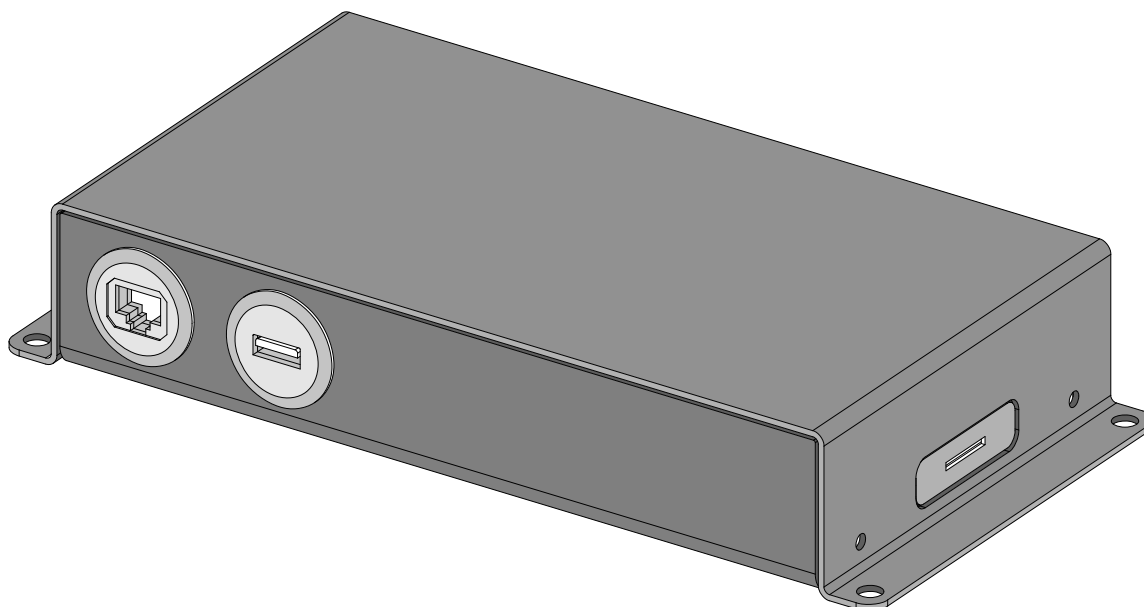
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## 4. Appendix

### 4.1. Technical drawings - Scape X® Module (sxm-001)

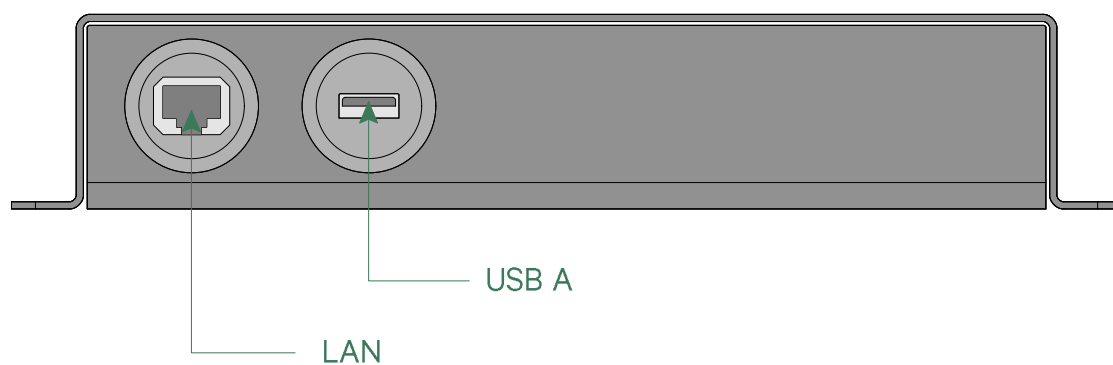
#### 4.1.1. Perspective



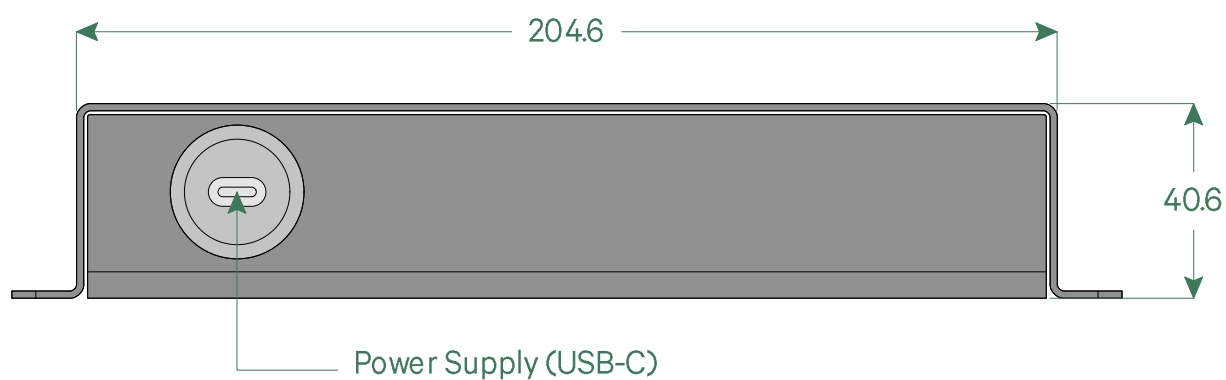
### 4.1.2. Top view



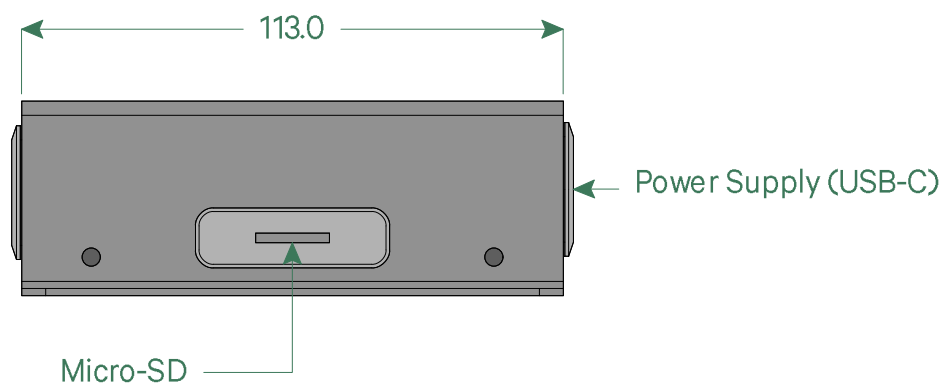
### 4.1.3. Front view



#### 4.1.4. Rear view



#### 4.1.5. Side view



## 4.2. Technical data - Scape X® Module (sxm-001)

|                        |                                                    |
|------------------------|----------------------------------------------------|
| Article Number         | sxm-001                                            |
| Dimensions (W x H x D) | 231.6 x 113.0 x 40.6 mm                            |
| Weight                 | 0.55 kg                                            |
| Material               | steel,aluminium powder-coated, matt black RAL 9005 |

**Interfaces**

|       |                |
|-------|----------------|
| Touch | TUIO 1.1 / 2.0 |
|-------|----------------|

**Electrical specifications**

|                   |                              |
|-------------------|------------------------------|
| Operating voltage | 100 – 240 VAC 50/60Hz        |
| Power draw        | 18 W                         |
| Certifications    | CE, RoHS                     |
| Technology        | Scape X® AI Recognition Unit |

**Compatible with**

|          |                                                                                                                                                                     |
|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Scape X® | Shape Visible<br>Shape Invisible<br>Tags Visible<br>Tags Invisible<br>Maginfy Visible<br>Maginfy Invisible<br>Scape X Stickers                                      |
| Displax  | SKIN ULTRA (with compatible Displax controller M334)<br>TILE PRO (with compatible Displax controller M334)<br>TOUCH ROUND (with compatible Displax controller M334) |

**Patents**

|                 |                             |
|-----------------|-----------------------------|
| U.S. Patent No. | 12,026,328<br>11,320,947    |
| Pat. Reg.       | EP 3574398 (DE, FR, UK, PT) |
| KR Patent No.   | 10-2566520                  |
| JP Patent No.   | 7237143                     |
| CN Patent No.   | ZL 201880092584.6           |

**misc**

|         |            |
|---------|------------|
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| HS Code | 8471 50    |
| COO     | Germany    |

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