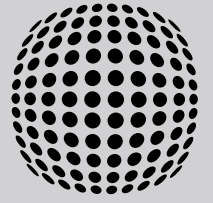


DeepFrame™

Basic Kit

Factsheet
V.1.1 - 2018

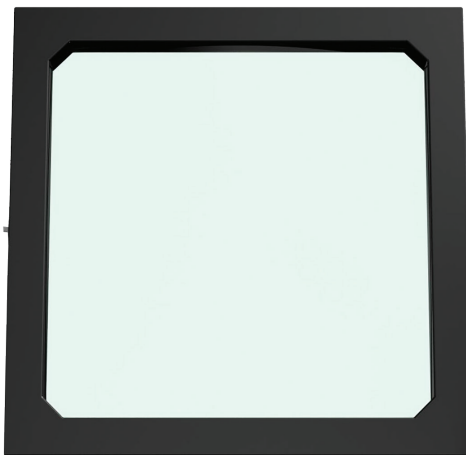


REALFICTION™



DeepFrame is a revolutionary new type of mixed reality display that enables digital content to appear as a hologram on top of reality seen through the lens. The window-like display consists of a high-precision optical lens that can be mounted on the floor stand (optional accessory) or hang suspended in wires.

In order to create the mixed reality experience, DeepFrame needs to be combined with an HD or 4K screen (not included) for reflecting the digital content through the optical lens. We recommend using a 65" 4K curved OLED screen together with the OLED mount kit (optional accessory). Spectators can collectively experience lifelike animations, video or live film projected to appear as a hologram in the real world behind DeepFrame. **DeepFrame comes in a sturdy flight case built for repeated transport.**



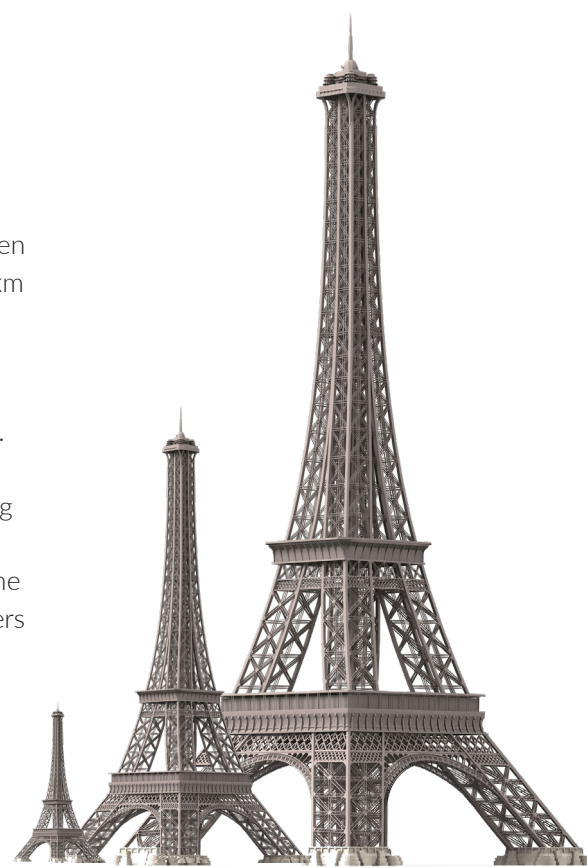
ADJUSTING THE SIZE AND DISTANCE OF THE HOLOGRAM

By simply adjusting the distance between your screen and the DeepFrame, you can control the size (magnification) of your hologram and the distance it appears in when looking through the optical lens.

The distance between your screen and DeepFrame can be a maximum of 1400mm (~55 in) and a minimum of 800mm (~31.5 in). The hologram can then appear to be anything from 50x50 cm (~20x20 in) up to a maximum of 2x2 km (~1.5x1.5 mi)

Beware that in many cases you only have to adjust the distance between the screen and DeepFrame very slightly, in order to change the size and distance.

Besides being mounted on the optional floor stand, DeepFrame can also hang suspended in wires from the ceiling or a truss rig by using the built-in eyelets in the display frame. Please note that we do not recommend using DeepFrame as a ceiling installation if the hologram is intended to appear less than 6 meters (~20 ft) behind the lens.

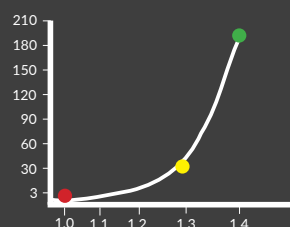


EXAMPLES OF A VIRTUAL IMAGE BEING MAGNIFIED THROUGH DEEPFRAME

1.0 meter monitor distance:
3.5x magnification = virtual image distance 3,5 meter

1.3 meter monitor distance:
14x magnification = virtual image distance 18,2 meter

1.4 meter monitor distance:
140x magnification = virtual image distance 194,6 meter



FEATURES

- Create mixed reality experiences by projecting digital content to appear in the real world.
- simple construction and design for customizing into branded environments.
- Interactivity via real-time interactivity features
- HD, 4K or 8K image quality, depending on screen.

SPECIFICATIONS

Materials

High-precision glass optical lens with a powder-coated aluminum frame.

MEASUREMENTS

Display assembled

W x H x D: 1466 x 2015 x 920 mm

Weight: DeepFrame lens: 50 kg

Weight: DeepFrame stand: 20 kg

Total weight when mounted on stand: 70 kg

Freight measurements

Flightcase

The DeepFrame flightcase is the optimal way of transporting your display, as it offers the best safety and protection for repeated transport and storage in different locations.

W x D x H = 760 x 1580 x 1610 mm

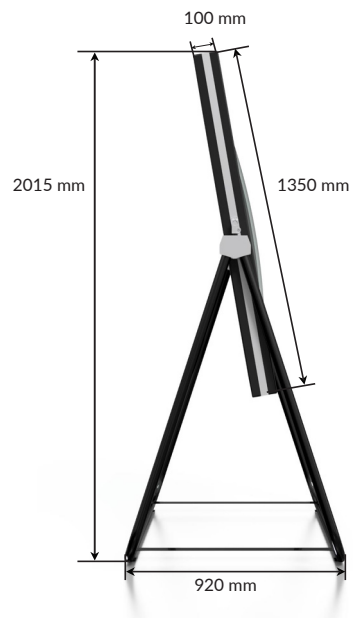
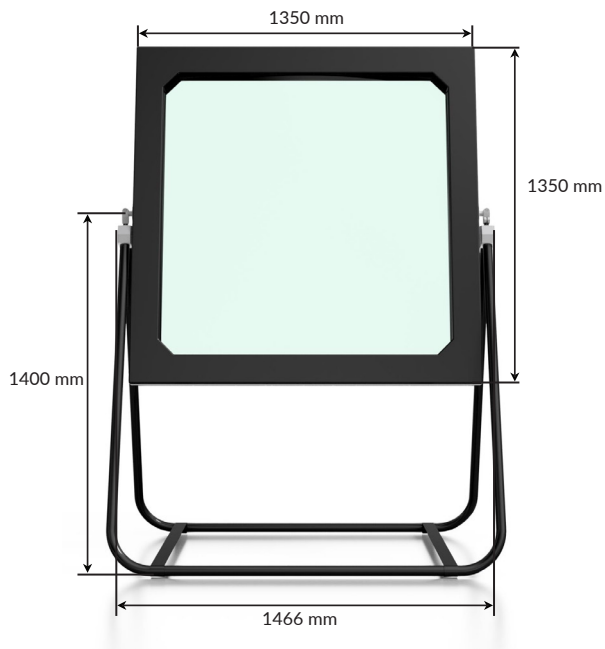
Weight: 150kg

PACKAGE CONTENT

DeepFrame optical lens

Flightcase



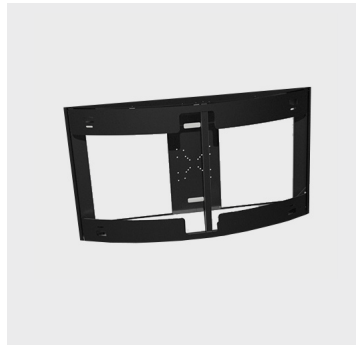


OPTIONAL ACCESSORIES



Floor stand

Recommended for all situations where Deep-Frame is not to be hung in wires form the ceiling or permanently built into walls.



OLED mount kit

The recommended solution for mounting a curved OLED screen together with DeepFrame.



OLED Housing

Housing to cover the OLED screen with fabric sides for branding possibilities.



Curved 4k OLED screen from LG

Recommended for all situations where Deep-Frame is not to be hung in wires form the ceiling or permanently built into walls.



OLED Stand

Recommended stand for attaching your OLED screen, in order to adjust height, tilt and size of your hologram.

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