

CrystalScreen 2.0

Transparent OLED MultiTouch Media Stele

PANEL

Screen Diagonal 55 inch	Panel Type LG T-OLED	Aspect Ratio 9:16	Resolution 1080x1920	Refresh Rate 60Hz
Display Colors 10 Bit, 1.07 Billion Colors	Color gamut BT709 120%	Display Area 680(H) x 1210(V) mm	Contrast Ratio 150.000: 1	Brightness 150-400 cd/m ² (APL: 100 %/25 %)
Response Time 1 ms (grey to grey)	Operating hours (hours/day) 18/7 (moving content only)	Viewing angle (H x V) 178 x 178	Transparency 43 %	Touch projected Capacitive, 10 points Windows 7, 8, 10, 11, Mac OSX und Linux

MECHANICAL DATA

Color Black	Mount Floor anchoring	Portrait/landscape format Yes/No	Weight 60 kg	Housing Aluminum & Metal	Safety Glass Thickness 5,0 mm hardened tempered glass
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ENVIRONMENT CONDITIONS

Operation Temperature (°C) 0° to 35°	Operation Humidity 20% to 80%	Storage Temperature (°C) -20° to 60°	Built-In Power supply AC 100-240 Vac, 50/60Hz	Power Consumption Typ. 150-200 W Max. 550 W
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CONNECTIVITY

INTERNAL PC
2 x USB 3.0 (Type A)
HDMI OUT (HDCP 2.2)
RJ45 (LAN)
Audio OUT (Audio Jack 3.5mm)
Mic IN (Audio Jack 3.5mm)

EXTERNAL PC
HDMI v2.0 IN (HDCP v1.1)
Touch USB (USB 2.0, Type B)
Camera USB (USB 2.0, Type B)

INTEGRATED PC

Hardware
CPU: Intel Core i7 10700
8 cores - 2.90 GHz - 4.80 GHz TurboBoost
RAM: 32GB
SSD: 1TB m.2 NVMe
WiFi: 802.11b/g/n/ac wifi + BlueTooth
Graphics: nVidia T1000, 4GB GDDR6

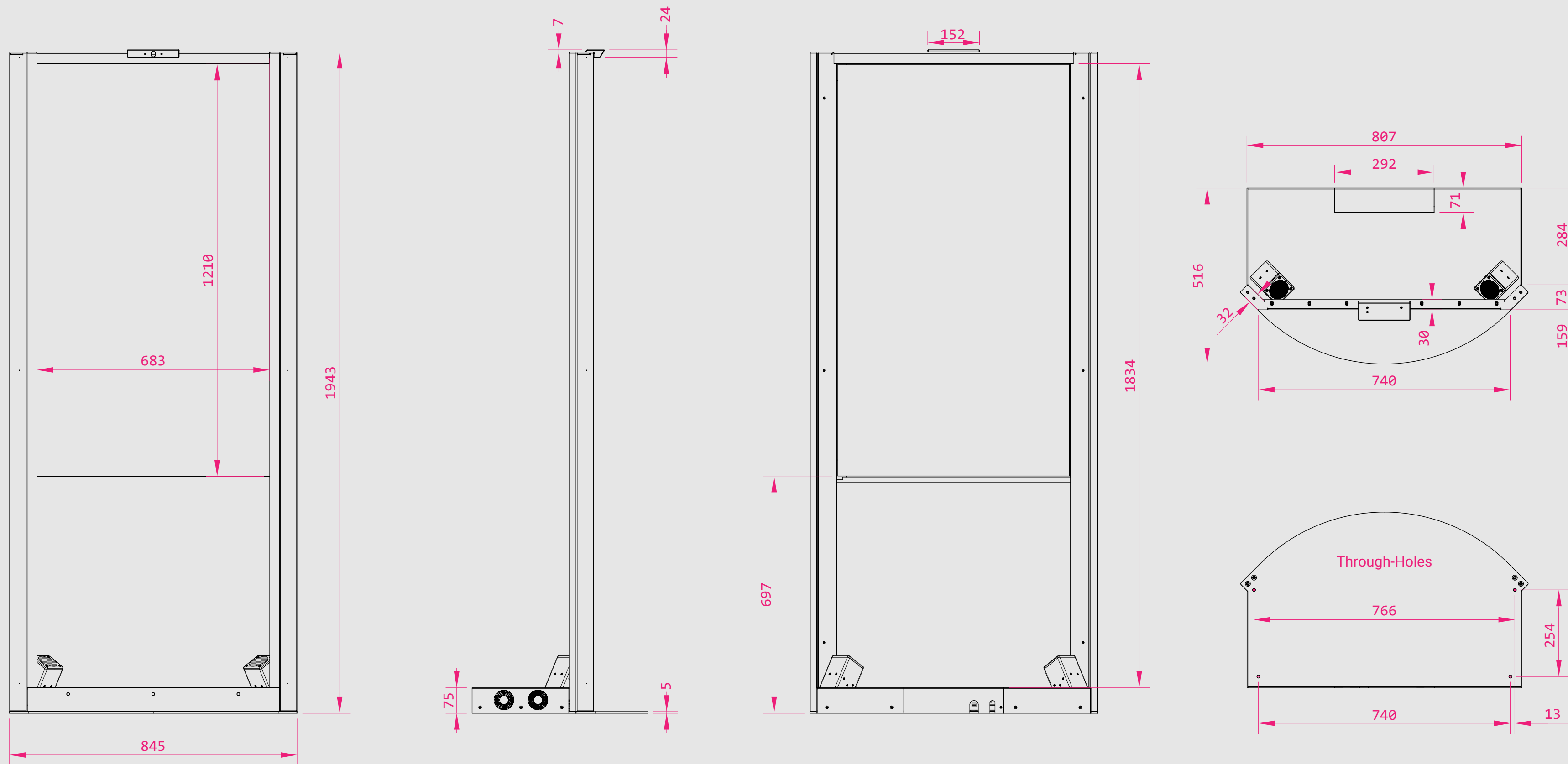
Camera
Resolution: 3840 x 2160 px
FPS: 30
FoV: 75°
Tilt: +/- 15°
Mic: build-in

Software
Windows 11 Pro
Speaker
2 x 10W 2.5" full-range speaker with
balanced frequency response and
very good highs.



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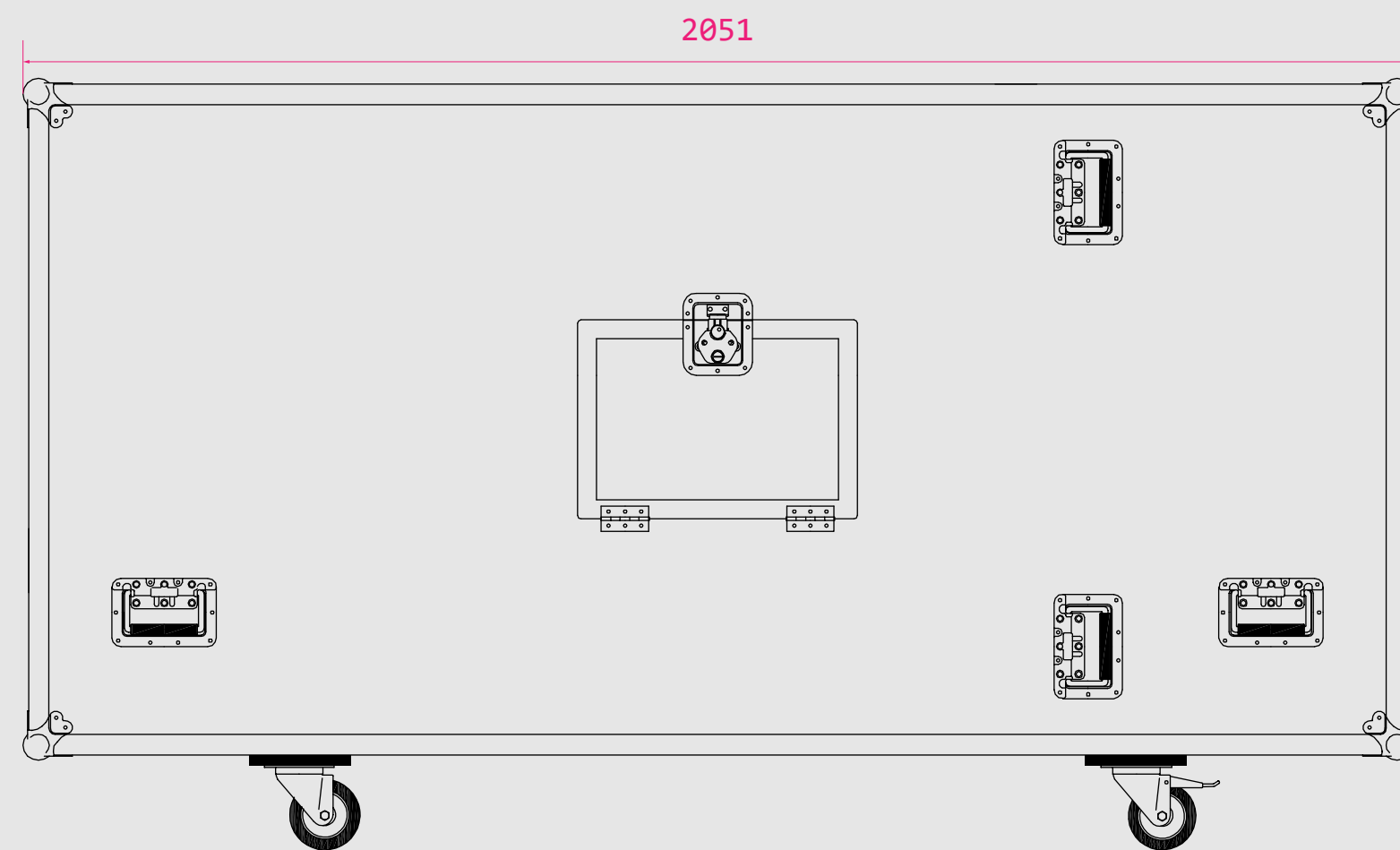
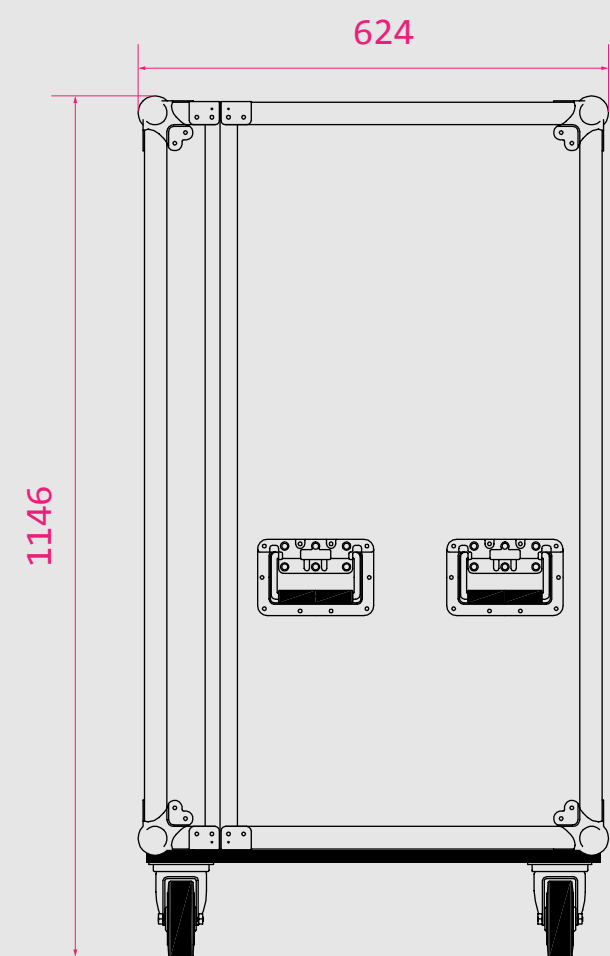
Technical Drawing



All measurements are in millimeter. Images are simulated and for illustration purposes only.

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Flight Case Technical Drawing



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