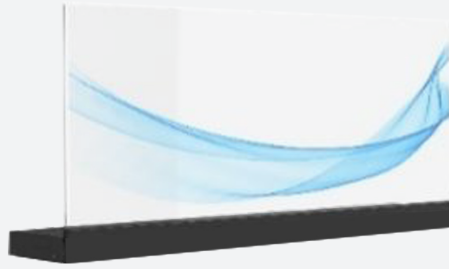


20"

FT20MLED
TBD

30"

FT30MLED
TBD

54"

FT54MLED
TBD

Prototype Datasheet (Preliminary)

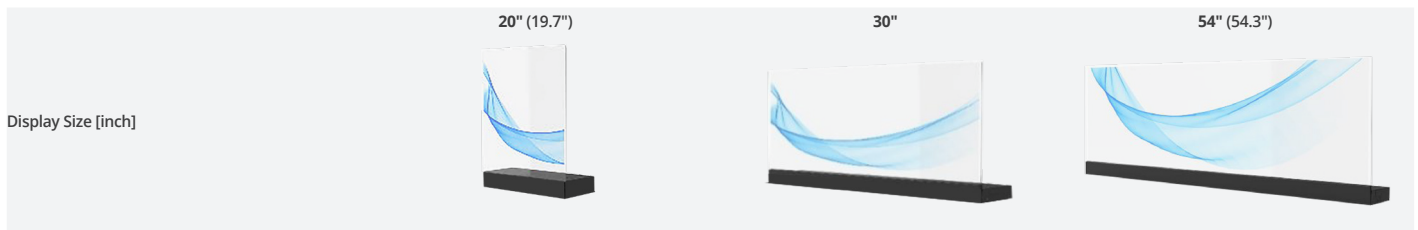
02.09.2026

Pictures show sample configurations, real product may vary.



SCAN ME

DISPLAY



Display Technology	AUO Transparent Micro-LED	AUO Transparent Micro-LED	AUO Transparent Micro-LED
Active Area W × H [mm]	332.16 × 373.68	664.32 × 373.68	1328.64 × 373.68
Resolution [pixel]	480 × 540	960 × 540	1920 × 540
Pixel Density/Pitch [mm]	0.692	0.692	0.692
Aspect Ratio	8:9 (portrait)	16:9 (landscape)	32:9 (landscape)
Brightness [cd/m²]	600	600	600
Contrast Ratio	1,000,000 : 1	1,000,000 : 1	1,000,000 : 1
Transparency	60%	60%	60%
Response Time [ms]	Avg. 0.269 (G to G)	Avg. 0.269 (G to G)	Avg. 0.269 (G to G)
Frame Rate [Hz]	120	120	120
Viewing Angle U / D / L / R [°]	89 / 89 / 89 / 89	89 / 89 / 89 / 89	89 / 89 / 89 / 89
Color Gamut	DCI-P3 > 98%	85%, DCI-P3 98%	85%, DCI-P3 98%
Display Colors	1.07B (10bit)	1.07B (10bit)	1.07B (10bit)
Display Operation Mode	Normally Black	Normally Black	Normally Black
Border Width U/D/L/R [mm]	1.85 / 54.62 / 1.27 / 1.27	2.91 / 62.06 / 2.91 / 2.91	2.91 / 62.06 / 2.91 / 2.91
Interface	V-by-one	V-by-one	V-by-one

COVER GLASS

Surface Hardness	9H
Cover Glass Surface Treatment	Anti-Glare
IK Protection	TBD
Strengthening	Thermally Strengthened
Optical Bonding	Optional, Clear Bond®

ENVIRONMENTAL CONDITIONS

Operation Temperature	0°C to 40°C
Storage Temperature	-20°C to 60°C
Operation Humidity Range	10% to 80%
Storage Humidity Range	5% to 85%
Usage	18 (hrs / day)

VIDEO BOX (S21020)

I/O (Input)	1x HDMI 2.0
	1x IR Receiver
	1x RS232 (reserved)
	1x USB
I/O (Output)	1x Headphone Jack
	1x S/PDIF
	1x DC Power
	1x HDMI 2.0 (reserved)
	1x DP 1.2
	1x RS232 (reserved)
OSD Control	Remote Controller / Keypad
OSD Language	English, Simplified Chinese, Traditional Chinese, Japanese

ACCESSORIES

Power Cables	1x AC Power Cord, 10A (1.5m)
	1x Type-B Cable
	1x Type-I Cable
Remote Controller	1x Included
Others	1x DP 1.2 (1.5m)
	1x HDMI 2.0 (1.5m)
	1x IR Receiver Cable (1.5m)
	2x Stand

CERTIFICATIONS

CE Certificate	Yes
FCC Certificate	Yes

POWER

	20" (19.7")	30"	54" (54.3")
Power Supply	AC 100V-240V, 50-60Hz	AC 100V-240V, 50-60Hz	AC 100V-240V, 50-60Hz
Power Consumption: Display (max.)	62W (full white)	120W (full white)	224W (full white)
Power Consumption: Video Box (max.)	10W	10W	10W
Standby Power	<0.5W	<0.5W	<0.5W

WEIGHT & PACKAGING

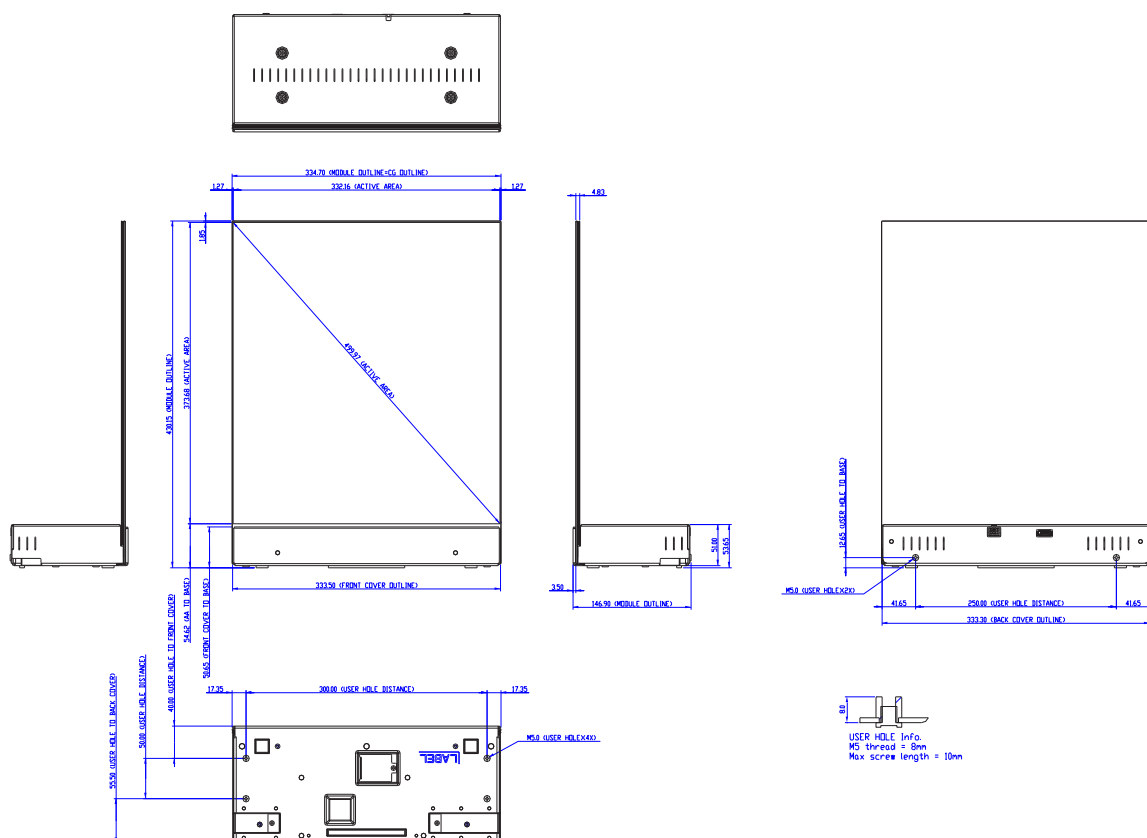
	20" (19.7")	30"	54" (54.3")
Dimension W × H × D [mm]	334.70 × 430.15 × 146.90	670.14 × 438.65 × 122.46	1334.46 × 438.65 × 119.25
Net Weight Panel	~3.0 kg	~4.8 kg	~8.9 kg
Net Weight Video Box	~3.0 kg	~3.0 kg	~3.0 kg
Gross Weight	~14 kg	~18 kg	~TBD kg
Packaging Material	100% recyclable cardboard and polyethylene (PE)	100% recyclable cardboard and polyethylene (PE)	100% recyclable cardboard and polyethylene (PE)
Packaging Size L × W × H [mm]	576.0 × 565.0 × 403.5	900.0 × 570.0 × 332.0	TBD

INTENDED USE/APPLICATION

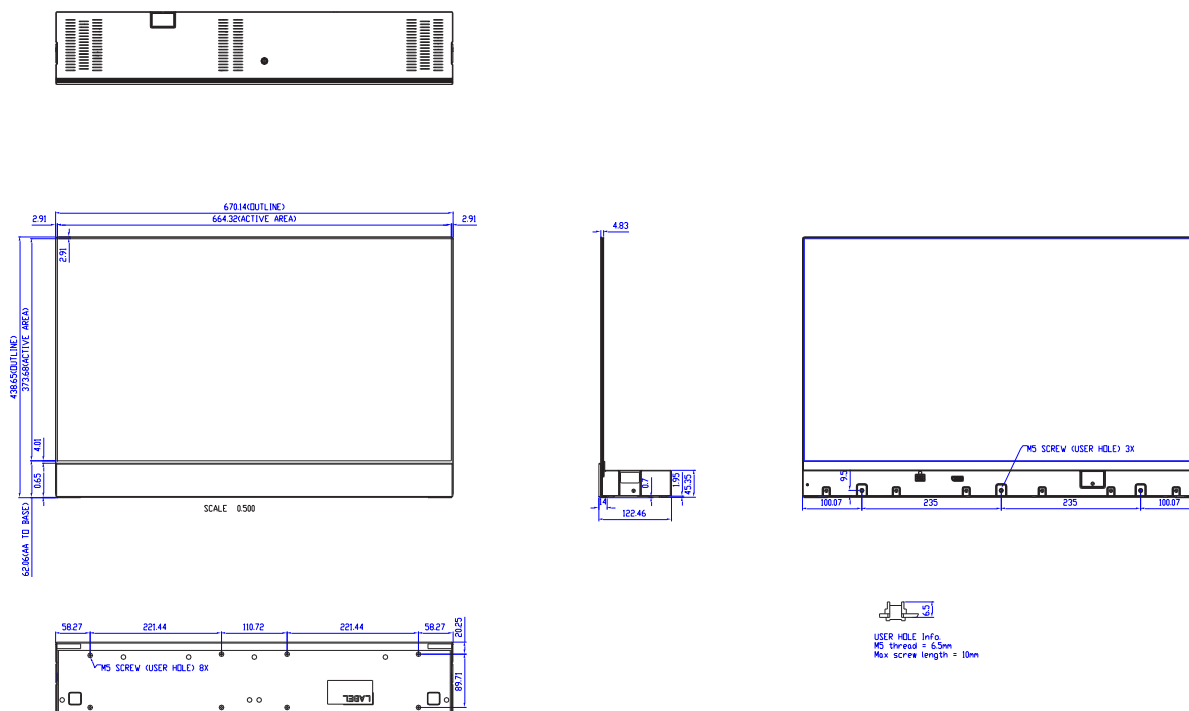
The device is to be used as a Transparent Micro-LED for indoor or semi-outdoor use to replace glass applications for retail, hospitality, transportation, automotive, aerospace and military. These specific units are produced for integration with the video box for demonstrations, such as events, exhibitions and expositions.

Direct sunlight might increase the device temperature beyond the allowed storage and operation conditions. Therefore the devices must be protected against direct sunlight. Devices operated or stored outside the specified temperature ranges are not covered by warranty.

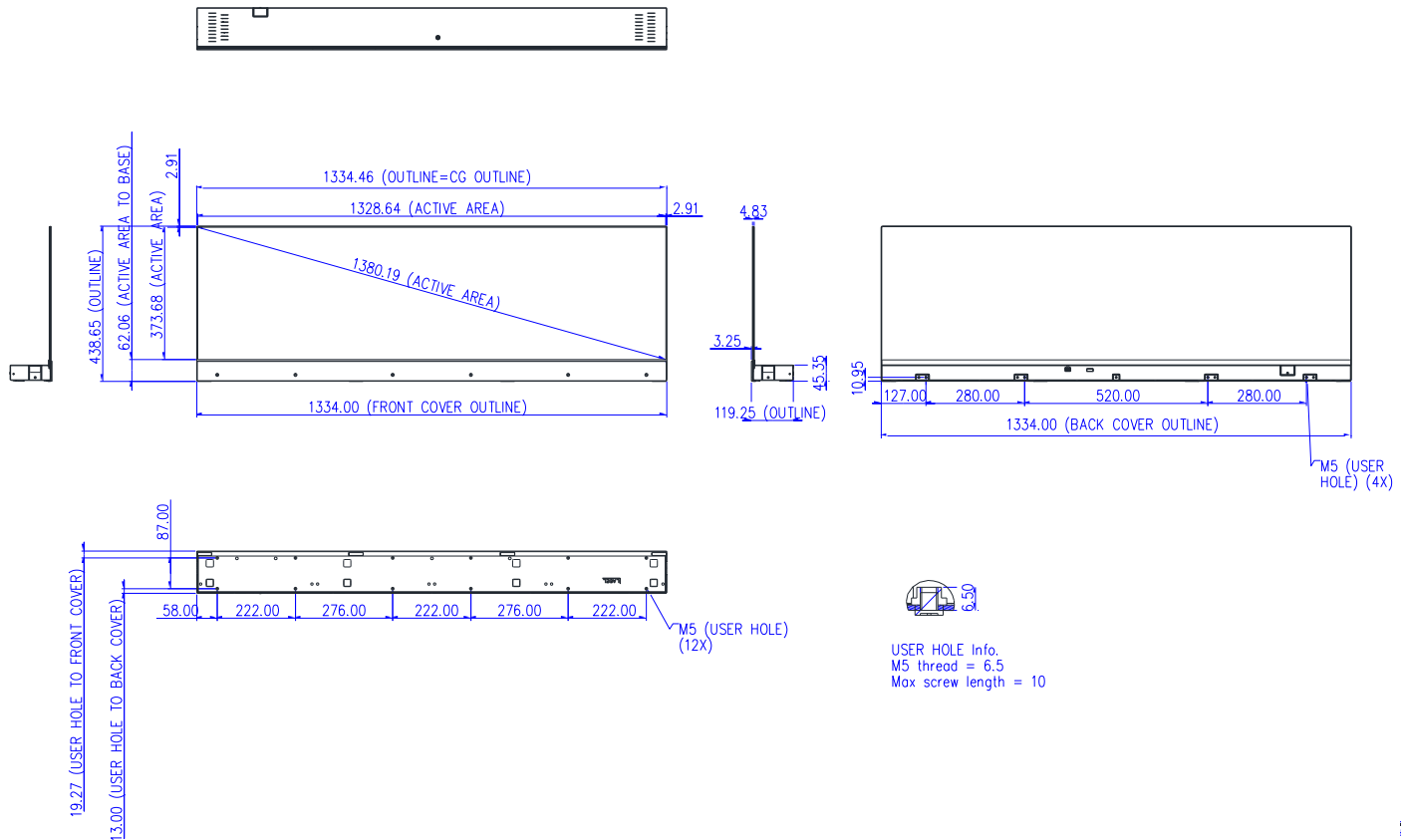
DIMENSIONS 20"



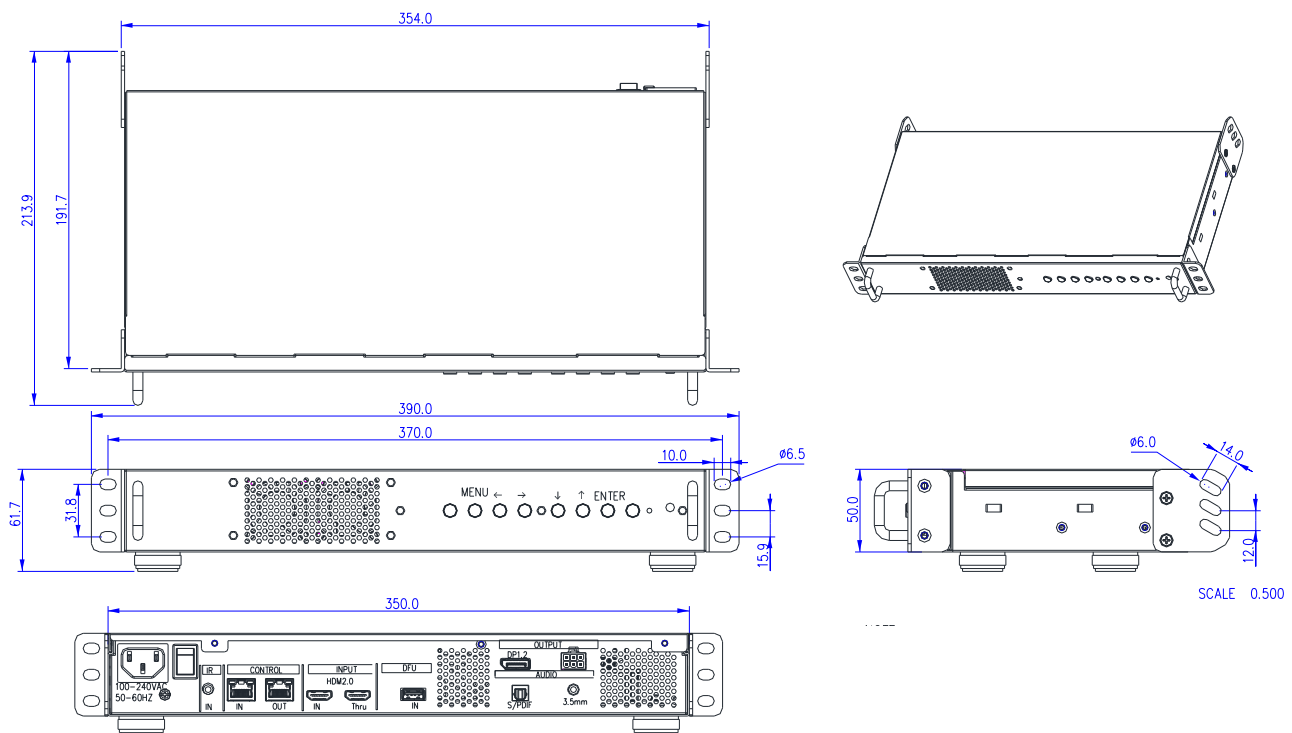
DIMENSIONS 30"



DIMENSIONS 54"



DIMENSIONS VIDEO BOX



UPDATE NOTES:

Version:	Changes:
v1	First version