

A Gateway for Yourself

The **revolutionary mirror**
for extraordinary experiences

GATEWAY
THE IOT MIRROR FOR LIFT CARS

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Immerse yourself
in a unique experience with
our revolutionary mirror

Gateway applies IOT technology to lift car mirrors,
transforming them into new, powerful, revolutionary devices.
A completely new multimedia tool connected to the Internet.

Communication MODE



**Knowledge and wonder,
all around your control**

The mirror becomes a device which can show information, photographs, videos, advertising and much, much more, with the possibility of remotely changing the contents in real time.



COMMUNICATION, DIGITAL SIGNAGE AND ADVERTISING

Endless possibilities
for a groundbreaking experience:

Information

Photo

Video

Advertising

Digital signage

to sell commercial communication/advertising.

Quick pay-back

on the investment.

Emergency MODE



**A calm passenger
is a safe passenger**

In the event of an alarm Gateway can provide audio-video communication between passengers and the 24/7 servicing.

GATEWAY



EMERGENCY



BI-DIRECTIONAL AUDIO-VIDEO COMMUNICATION DEVICE

From/to the safety/assistance service 24/7.
(additional invisible micro camera + loud speakers)

SERVICE SIDE

Health emergencies, fake alarms or special needs can be detected.
(i.e. writing a message on screen in case of hearing impaired passenger)

PASSENGER SIDE

A human face (rather than just an audio conversation) calms passenger, reduces panic, improves communication.

Maintenance MODE



**Instructions, manuals, videos,
tech schemes, always available**

Gateway can provide support to maintenance personnel.
Mirror turns into a touch-screen video connected on site to a remote
computer (access to instructions, manuals, videos, tech schemes, etc.).



MAINTENANCE

Maintenance personnel have a remote audio/video direct connection to HQ servicing, control room etc..

Mirror turns into the video screen of a remote computer. (access to instructions, manuals, videos, tech schemes, etc.)

TOUCH SCREEN MODE

(can be activated by service personnel on site)

- Enhances interactivity.
- Powerful support to predictive/programmed maintenance, displaying tech information. (graphics, real time video recording, functional parameters, etc.)

TECHNICAL FEATURES

LIGHT AND THIN

NO impact on car load.

NO impact on weights and footprint.

NO need for bulky videoscreen or small touch-pads.

Depth about 40 mm.

ELEGANT AND ADAPTABLE DESIGN

Customizable mirror and finishing.

Customizable mirror serigraphy (silk screening).

Added value for the lift car.

IMAGE QUALITY

High resolution and brightness for any kind of content:
video, photo, graphics, etc.

TOUCH-SCREEN MODE (optional)

Remote or local activation/disactivation.

TOUGH AND RELIABLE

Mirror is based on the technology developed for the doors for refrigerated cabinets in shops and supermarkets:

- intensive use;
- impact resistant;
- high reliability over time.

CONNECTION WITH DIGITAL WORLD

PLUG&PLAY APPROACH

1 Power cable, 1 PC cable.

CONNECTION (via LAN or Wi-Fi)

Local network or internet.

TECHNICAL FEATURES

GATEWAY

PROFESSIONAL FULL HD (1920x1080 resolution)

Specifically designed to operate 24/7 with high brightness efficiency.

VIDEO
DISPLAY

DISPLAY ORIENTATION

Horizontal / Vertical.

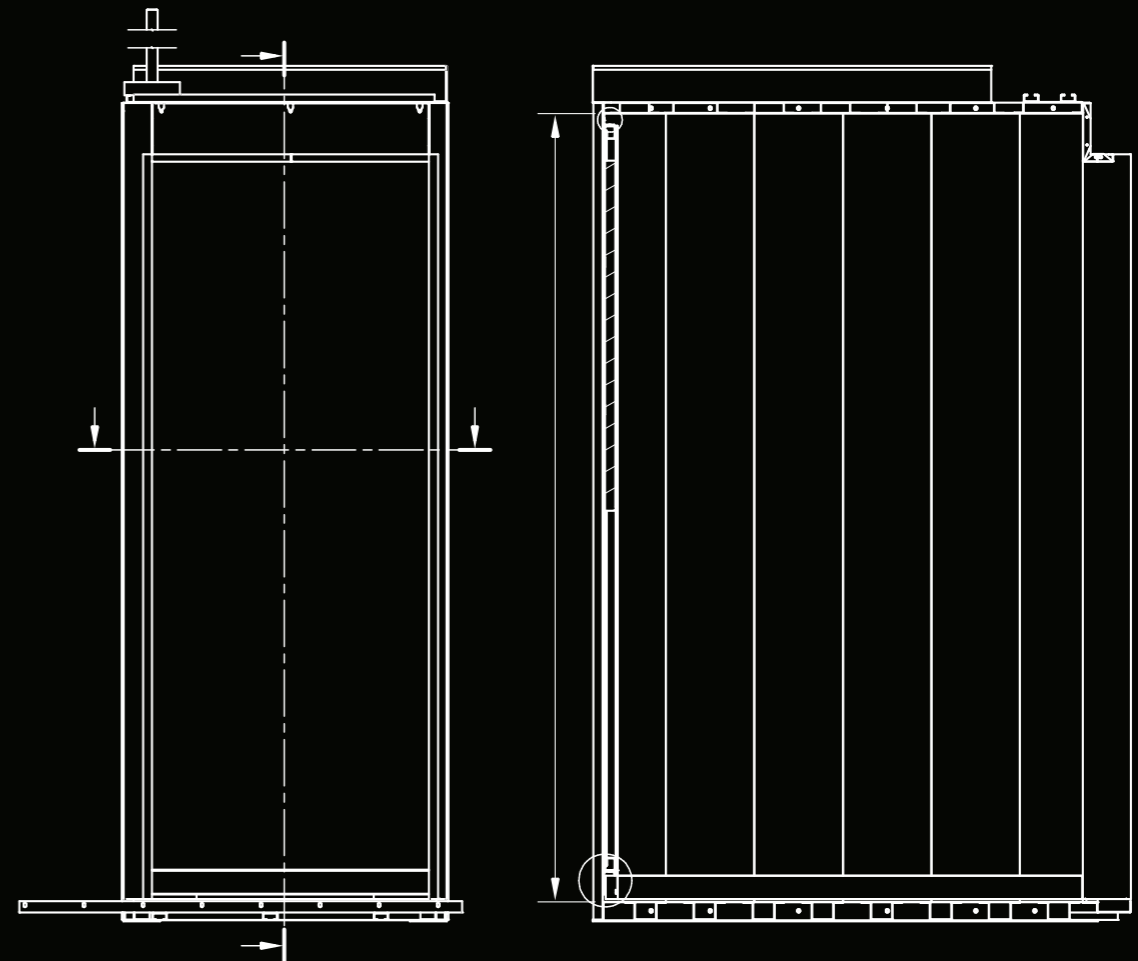
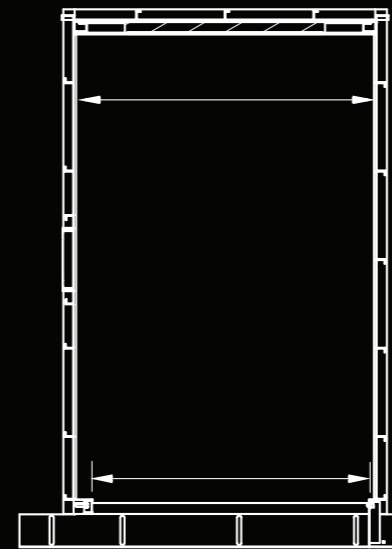
	Feature	43"	49"	55"
POWER	Supply	110-240V~ 50/60Hz	110-240V~ 50/60Hz	110-240V~ 50/60Hz
	Type	Built In	Built In	Built In
	Consumption	110 W	130 W	145 W
DISPLAY	Dimensions	546 x 946 mm	1082 x 622 mm	1218 x 699 mm
	Resolution	3,840 x 2,160 (UHD)	3,840 x 2,160 (UHD)	3,840 x 2,160 (UHD)
	Brightness	500 cd/mq	500 cd/mq	500 cd/mq
WEIGHT	850x2130 mm	34 Kg	36 Kg	45 Kg
	950x2130 mm	36 Kg	38 Kg	47 Kg
	1100x2130 mm	39 Kg	41 Kg	50 Kg

Caratteristiche	65"	75"	86"	98"
Supply	110-240V~ 50/60Hz	110-240V~ 50/60Hz	110-240V~ 50/60Hz	110-240V~ 50/60Hz
Type	Built In	Built In	Built In	Built In
Consumption	165 W	260 W	280 W	560 W
Dimensions	1407 x 822 mm	1652 x 930 mm	1896 x 1067 mm	2161 x 1216 mm
Resolution	3,840 x 2,160 (UHD)	3,840 x 2,160 (UHD)	3,840 x 2,160 (UHD)	3,840 x 2,160 (UHD)
Brightness	500 cd/mq	500 cd/mq	500 cd/mq	500 cd/mq
850x2130 mm	55 Kg	62 Kg	69 Kg	110 Kg
950x2130 mm	57 Kg	64 Kg	71 Kg	112 Kg
1100x2130 mm	60 Kg	67 Kg	74 Kg	115 Kg

INSTALLATION AND ASSEMBLY

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FRAME



EASY, QUICK AND FLEXIBLE

Adaptable both for new cars or modernizations.

Simply and quick fixing system due to the frame rigidity (few fixing points on top and bottom).

Fixing points at transom easily hidden to provide slim and elegant lay-out.

Air space required at top to evacuate heat of electronic hardware.

MODELS AND FRAMES

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VIDEO & MIRROR

STANDARD MODELS

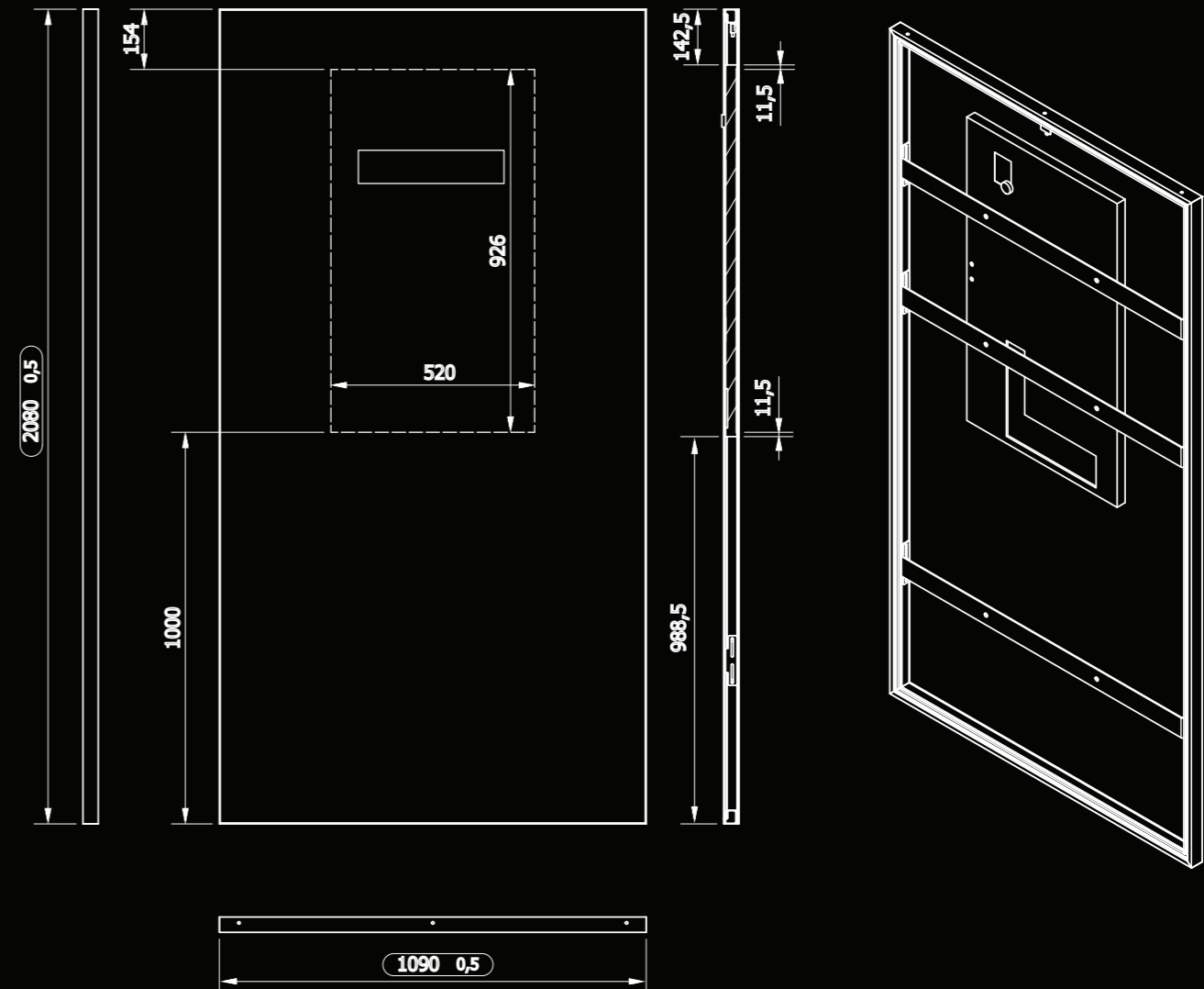
- 800 x 2130 mm (rated load 325 Kg).
- 950 x 2130 mm (rated load 480 Kg).
- 1100 x 2130 mm (rated load 630 Kg).

TAILOR-MADE AND CUSTOMIZABLE

- Adaptable to specific application.
- New lifts.
- Modernization of existing lift cars.

FRAME

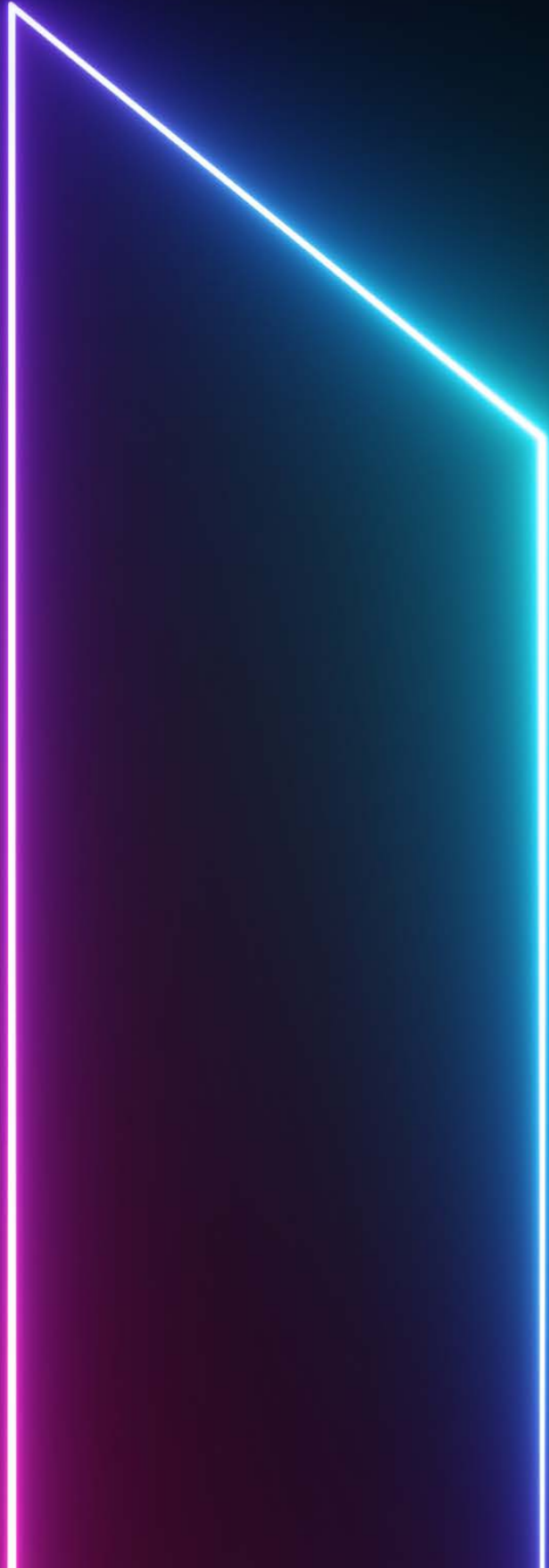
- Special aluminium profiles supporting the whole structure (video + mirror).
- Negligible impact on loads and car area.





TGD is part of LU-VE Group, a multinational leader in the air heat exchanger sector, listed on the Euronext STAR in Milan. The Group consists of 20 production plants in 9 different countries: Italy, China, Finland, India, Poland, Czech Republic, Sweden, Russia and USA, along with a network of over 30 commercial companies and representative offices in Europe, Asia, Middle East and North America.

TGD è parte di LU-VE Group, multinazionale leader nel settore degli scambiatori di calore ad aria, quotato all'Euronext STAR di Milano. Il Gruppo vanta 20 stabilimenti produttivi in 9 diversi Paesi: Italia, Cina, Finlandia, India, Polonia, Rep. Ceca, Svezia, Russia e USA e un network di oltre 30 società commerciali e uffici di rappresentanza in Europa, Asia, Medio Oriente e Nord America.



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