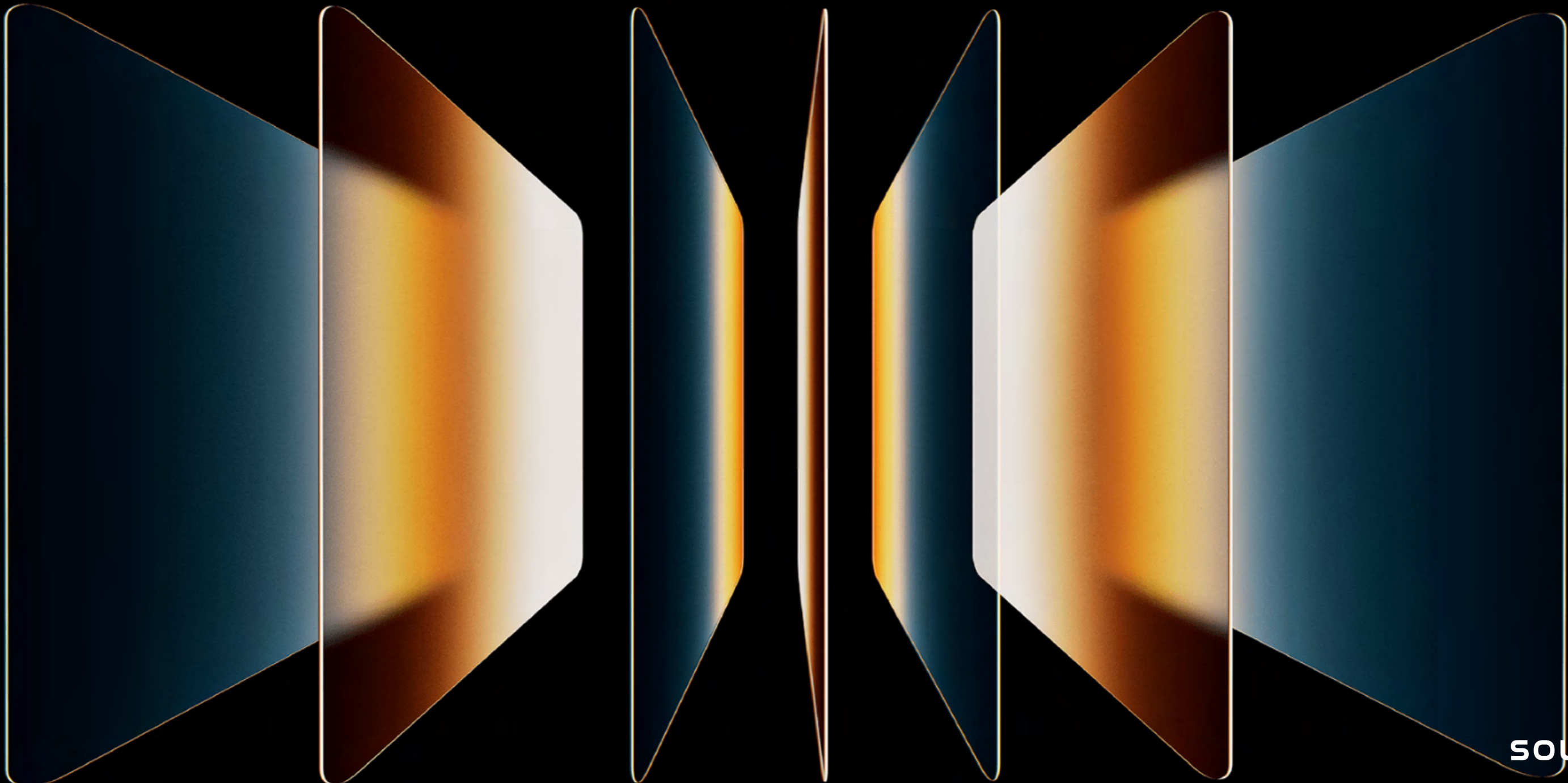


# VISUAL SOLUTION

MAKE YOUR LIFE BETTER WITH SOLUM



SOLUM

# VISUAL SOLUTION

MAKE YOUR LIFE BETTER WITH SOLUM

## CONTENTS

PRODUCT PORTFOLIO

ROADMAP

ADVERTISEMENT DISPLAY

RETAIL DISPLAY



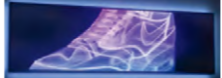


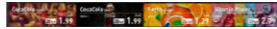













SIGNAGE SOLUTION

SPECIAL LINE-UP

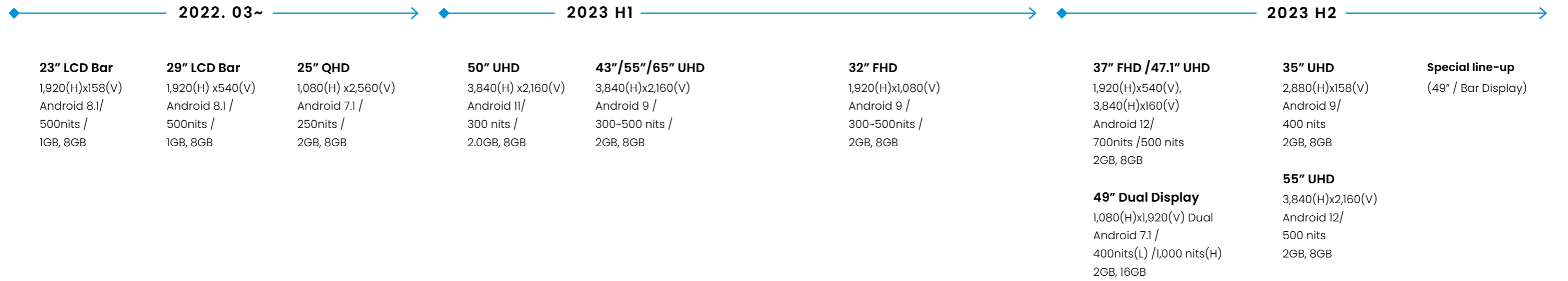
APPENDIX

ABOUT SOLUM

PRODUCT PORTFOLIO

CATEGORY	ADVERTISEMENT	RETAIL	SIGNAGE DISPLAY	SPECIAL LINE-UP
SIGNAGE	<p>25"</p>  <p>50"</p> 	<p>29"</p>  <p>25"</p>  <p>23"</p>  <p>35"</p>  <p>47.1"</p> 	<p>32"</p>  <p>43"</p>  <p>55"</p> 	<p>10.1"</p>  <p>49" / 55" Dual Display</p> 
	<p>55" ( 32"/43"/65")</p> 	<p>37"</p>  <p>2 for \$3 Special K® Protein Shakes HELP SHAKE OFF HUNGER</p>  	<p>65"</p>  <p>50" / 75"</p> 	<p>55" Video wall Display</p> 

ROADMAP

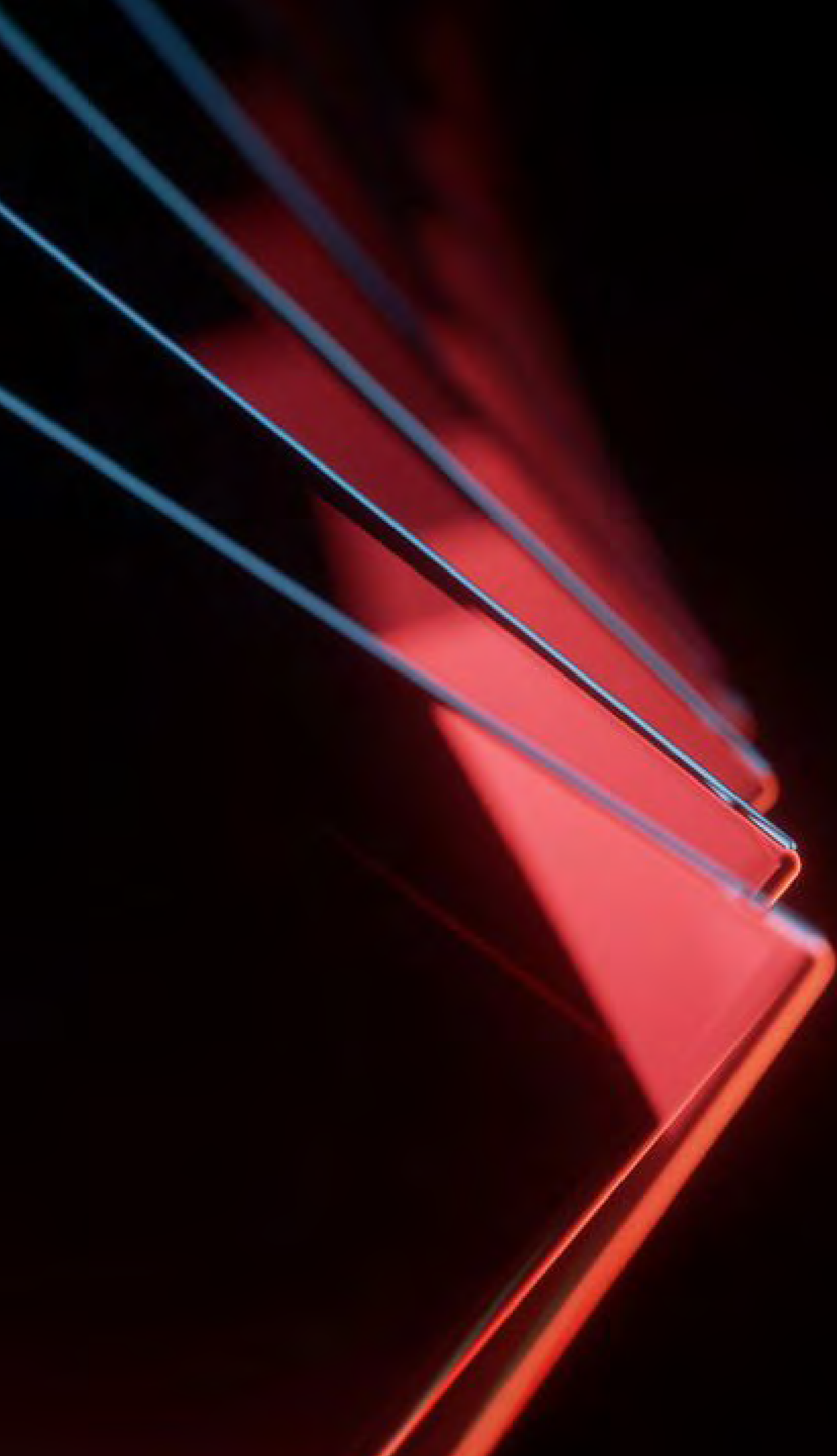


MP & Developing

Planning







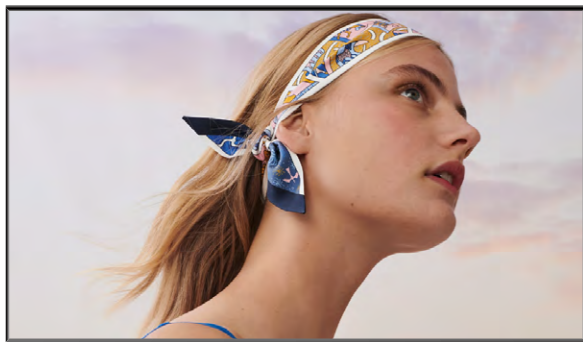
# ADVERTISEMENT DISPLAY

## ADVERTISEMENT DISPLAY SOLUTION



### 25" QHD

The solution that can provide advertisement, retail product information and promotion in the elevator.



### 50" UHD

Digital bulletin board signage solution with multiple sections



### 55" UHD

Optimized for advertising content display with multi-decoding function (4K+4K)

## ELEVATOR SOLUTION





## 50" DIVERSE CONTENT PROVIDING SOLUTION

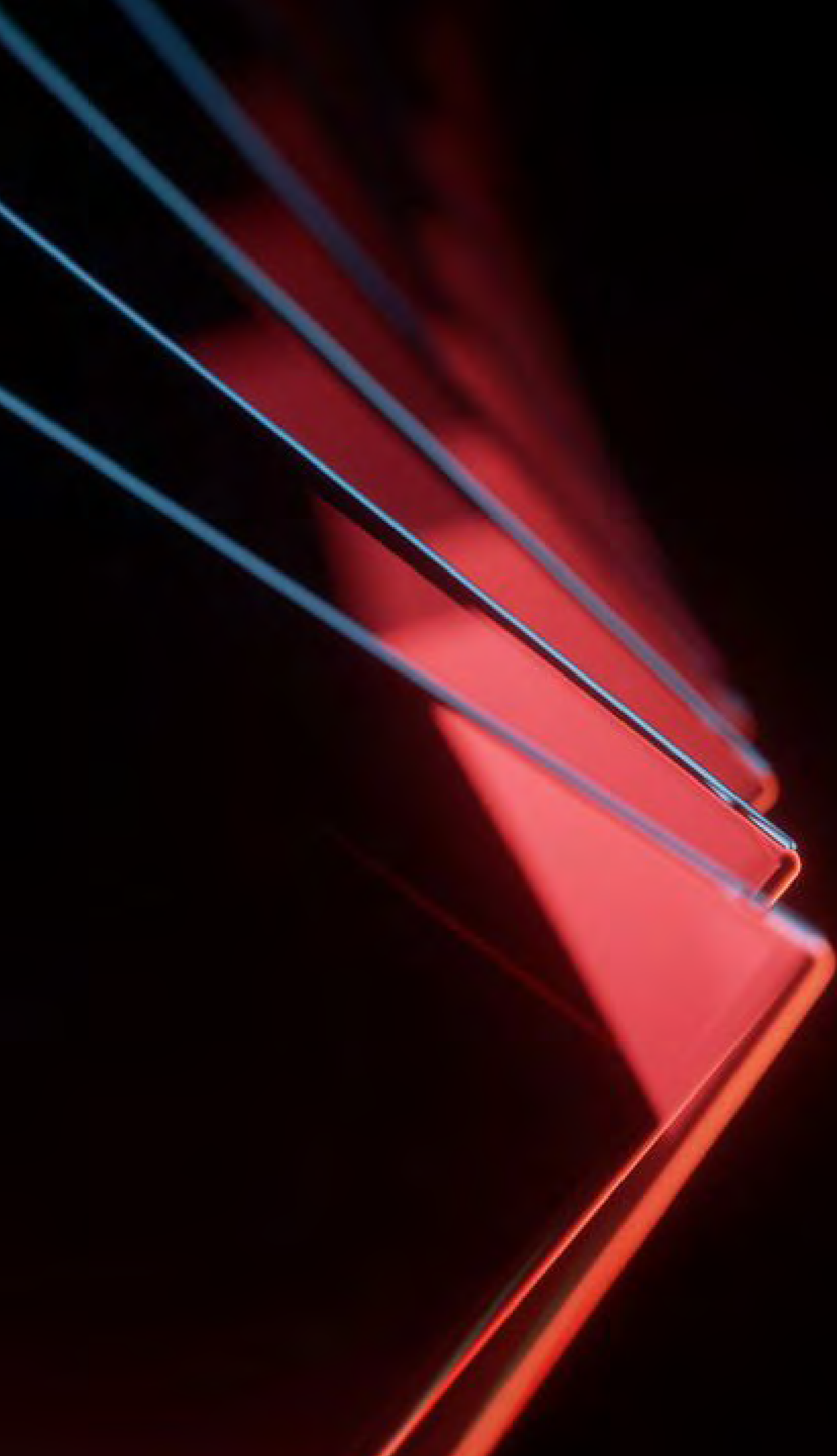




## 55" DIVERSE ADVERTISING CONTENT PROVIDING SOLUTION







# RETAIL DISPLAY SOLUTION

# RETAIL DISPLAY SOLUTION



## 23" FHD Bar display

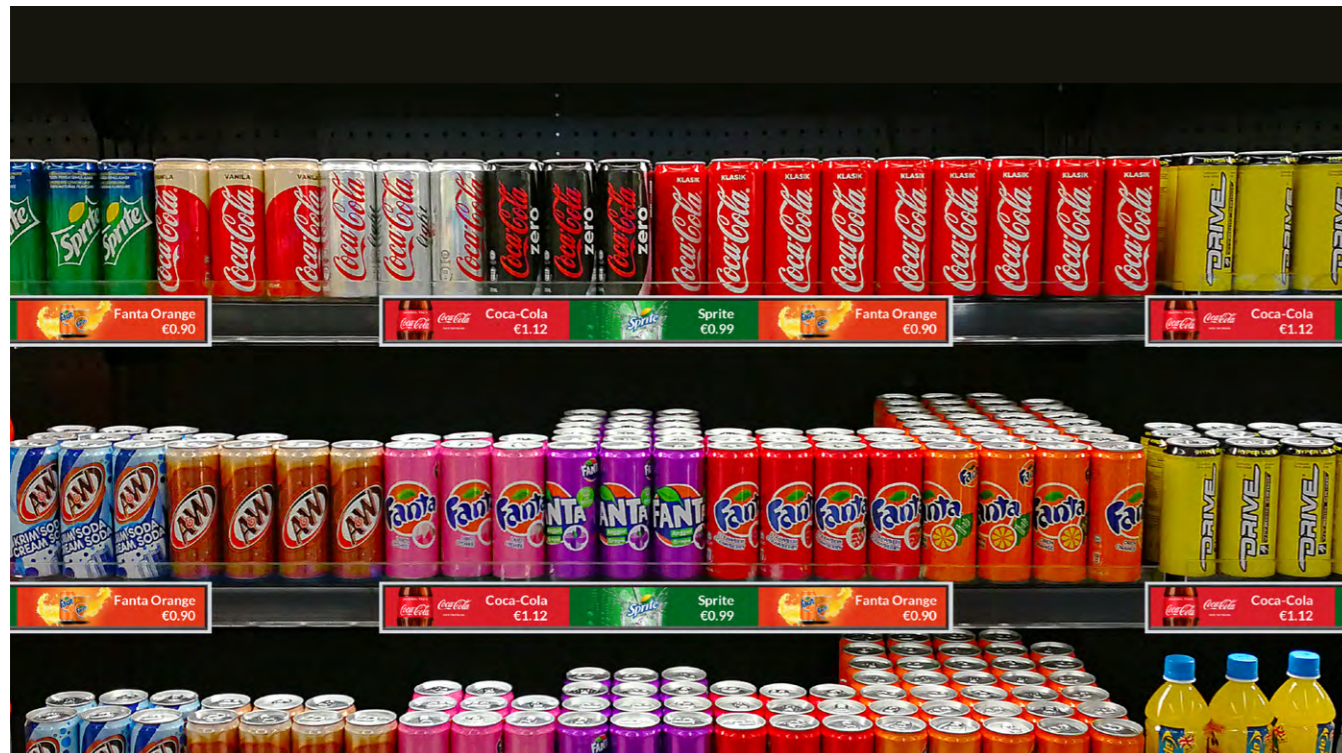
Newton Touch, specialized ESL interlocking function with slim depth design



## 35" UHD Bar display

890mm Bar Display product specialized for retail shelves.

## 23" BAR DISPLAY SOLUTION



## 47.1" UHD Bar display

1,200mm Bar Display product specialized for video multi-decoding with high performance

## 47.1" BAR DISPLAY SOLUTION







### 29" FHD Bar display

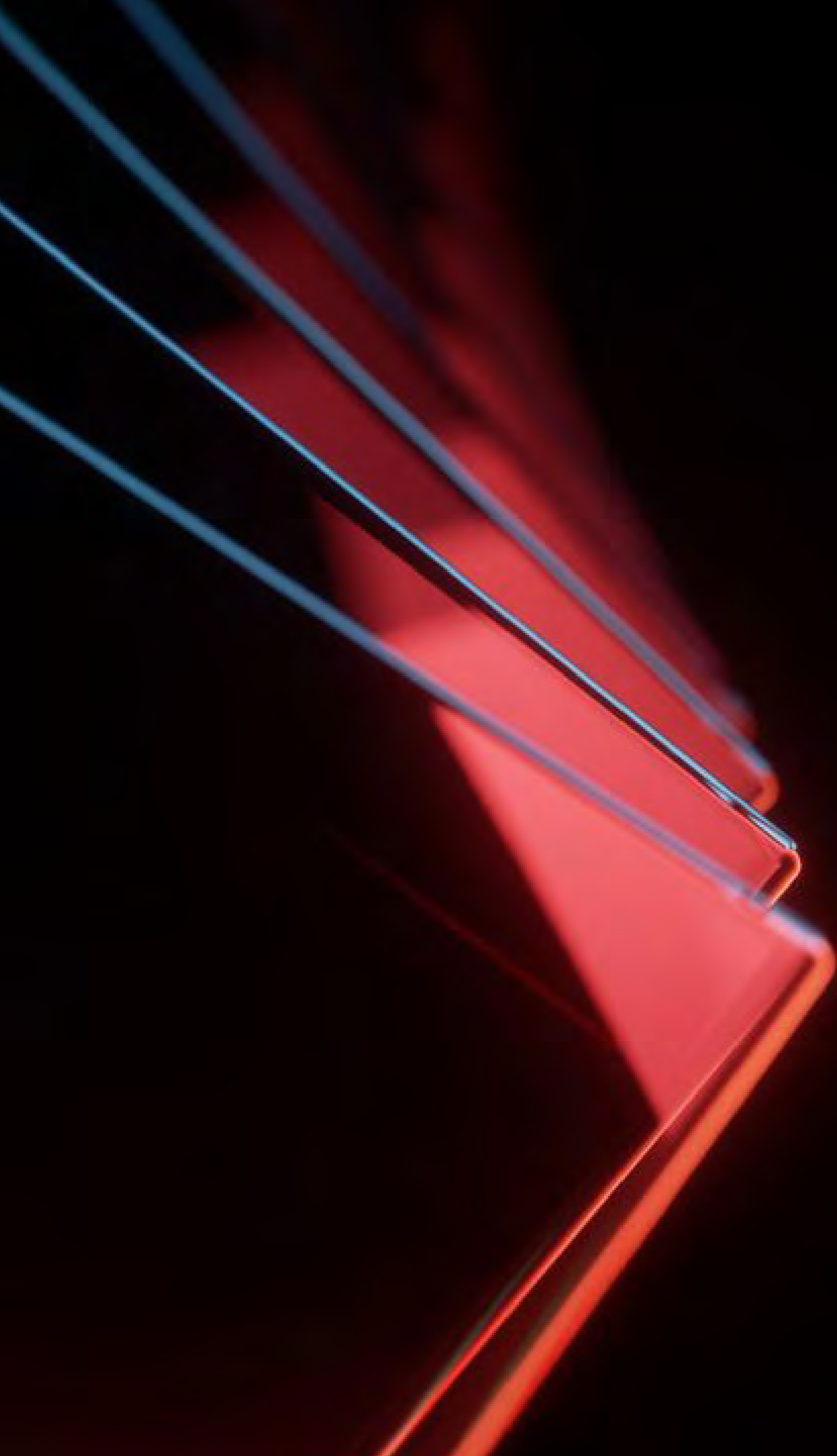
Newton Touch, specialized ESL interlocking function with slim depth design



### 37" FHD Bar display

1,200mm Bar Display product specialized for video multi-decoding with high performance





# SIGNAGE SOLUTION



# SIGNAGE SOLUTION



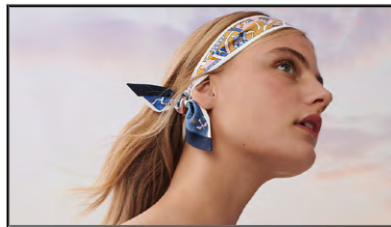
## 32" FHD display

Digital Signage, Network & HDMI Support, Sound 10Wx2, Slim Depth with SoluM CMS solution



## 43" UHD display

Digital Signage, Network & HDMI Support, Sound 10Wx2, Slim Depth with SoluM CMS solution



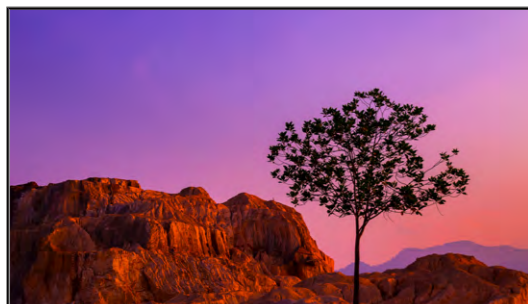
## 55" UHD display

Digital Signage, Network & HDMI Support, Sound 10Wx2, Slim Depth with SoluM CMS solution



## 65" UHD display

Digital Signage, Network & HDMI Support, Sound 10Wx2, Slim Depth with SoluM CMS solution



## 75" UHD display

Digital Signage, Network & HDMI Support, Sound 10Wx2, with large size solution

# SIGNAGE SOLUTION





SIGNAGE SOLUTION





# 55" SIGNAGE SOLUTION

French Dessert  
**COFFEE**

Sweet Treats crafted in the traditional French style.

Free sample Fridays  
**Give it a try!**

Flavors perfected over generations and loved around the world

Espresso	5.8	Flat White	4.0	Strawberry Smoothie	5.7
Americano	4.2	Latte	4.7	Strawberry Tea	4.5

Traditional French ingredients in a very welcoming cafe.

**Today's special:**  
French roast coffee. A dark roast featuring a unique, earthy sweet



55" SIGNAGE WITH ESL SOLUTION

**BUY 1 GET 1 FREE**

**illy**

CLASSICO CLASSIC ROAST

INSTANT COFFEE

illy blend 100% ARABICA

WITH MICROGROUND COFFEE BEANS

MILD AND BALANCED



Espresso	5.8	Flat White	4.0	Strawberry Smoothie	5.7
Americano	4.2	Latte	4.7	Strawberry Tea	4.5

Traditional French ingredients in a very welcoming cafe.

**Today's special:**  
Specialty coffee & drink menu featuring a unique illy selection.

**BUY 1 GET 1 FREE** 12.00

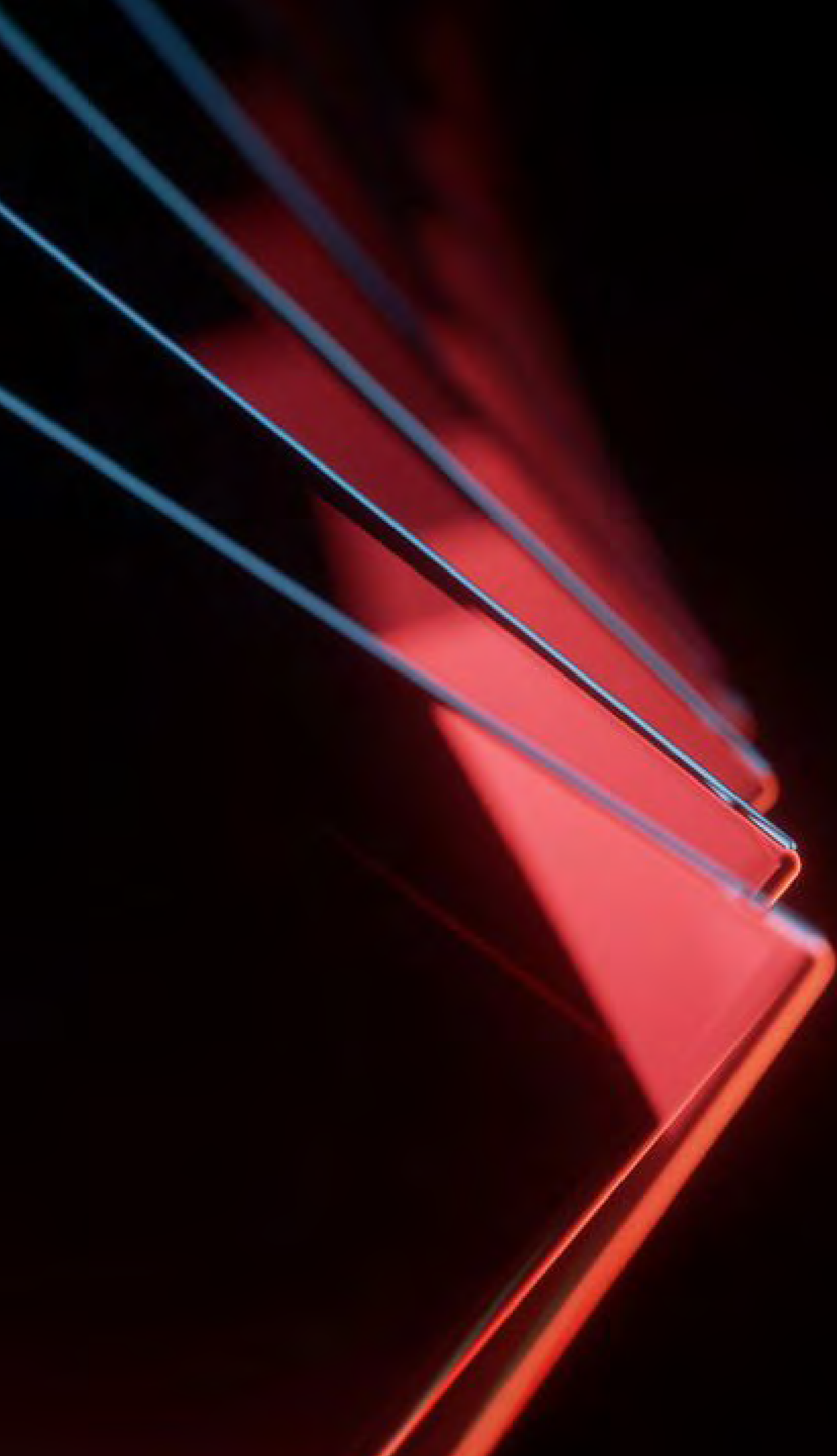
REALTIME LED BLINKING



65", 75" KIOSK DISPLAY SOLUTION







# SPECIAL LINE-UP DISPLAY



### 10.1"

Tablet product or Retail LCD Tag product for retail promotion display



### 49" Dual display

Dual display solution, One body two displays integrated

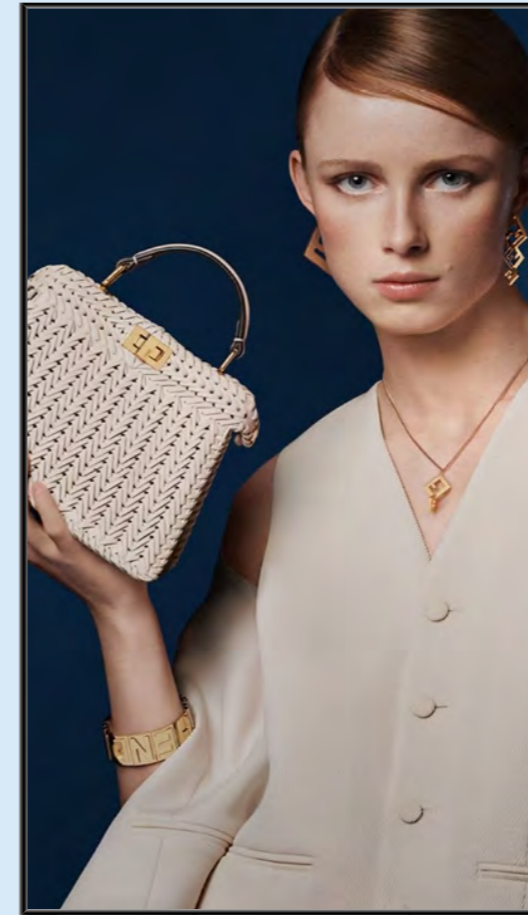


### 55" video wall

Planning product can be applied to each site

## DUAL DISPLAY

### FRONT



### BACK







VIDEO WALL SIGNAGE





# DUAL SCREEN





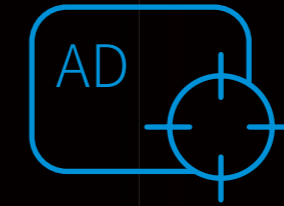
The background features several overlapping, semi-transparent blue rectangular planes. One large plane is positioned in the upper-left quadrant, while another is below it, partially overlapping. A third, smaller plane is visible in the lower-left area. The planes are set against a solid black background, creating a sense of depth and modern design.

# APPENDIX



# Newton TOUCH

## NEWTON TOUCH BENEFITS



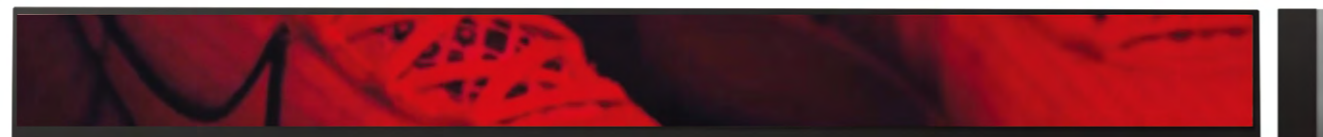
Corporations across industries need to develop the way they communicate and interact with the customers to meet the expectations of the customers in the 21st century. Ordinary print ads and signs made of static text and images no longer could effectively serve their purposes today. SOLUM introduces full LCD promotional media Newton TOUCH that will make business promotion more engaging and immersive.

Touch, swipe and scan.

By using Newton TOUCH, customers can directly interact with your products and services. At the same time, businesses can benefit from enhanced store campaigns, additional ad revenue and real-time customer data. Newton TOUCH allows you to offer enhanced customer experience and achieve better business results. Through Newton TOUCH, strengthen your competitiveness for the future and innovative your business.



## NEWTON TOUCH 23" SPECIFICATION



## SYSTEM

OS	Android 8.1
CPU	Quad-core ARM Cortex-A35, 1.35GHz
GPU	Mali-G31 MP2 GPU : 2D/3D Graphic Engine
RAM	DDR3 1GByte
Storage	eMMC 8GByte
Network	WLAN 802.11 b/g/n (2.4GHz)
Connectivity	Micro USB 2.0 (OTG 1 ea)

## VIDEO CODEC

Image	JPEG, BMP, GIF, PNG
Video	MPEG-1/2, VP8, H.263, H.264, Motion JPEG

## DISPLAY

Display type	23.1" TFT-LCD(IPS), edge LED Back-light
Touch	In-TOUCH (P-Cap in-cell Touch)
Active Area	585.56 x 48.18 mm
Resolution	1920 x 158
Display Colors	16.7 Million colors
Luminance, White	700 cd/m <sup>2</sup> (Typ.)
Viewing Angle (CR>10)	Viewing angle free (R/L 178(Min.), U/D 178 (Min.))
Bezel (mm, L/R/U/D)	4.1/4.1/5.6/9.6 mm
Life time (LED Backlight)	50,000hrs
Panel Surface	Anti-Glare, 4H

## TOUCH

Accuracy (Ø8)	≤ 3.0mm (max)
Latency (Ø8)	≤ 45ms (Touch down), ≤ 35ms (Panning)
Multi Touch	≤ 10 points

## MECHANICAL

Display Type	23.1" TFT-LCD(IPS), edge LED Back-light
Weight	0.808Kg (Typ.)
Possible Display Type	Landscape / Portrait
Packing Dimension	660(L) x 210(W) x 219(H)mm
Cabinet Color	Black

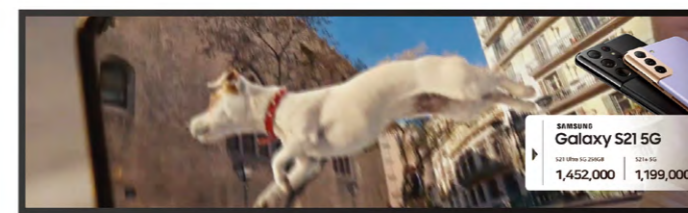
## POWER REQUIREMENTS

Input Power Frequency	AC100-240V@50/60Hz
Output Voltage	12V
Output Current	1.5A
Output Power Connector To ISS product	USB Type C (Power Only)

## ENVIRONMENTAL

Operation Temperature	0°C~45°C
Operation Humidity	10~80%RH
Storage Temperature	20°C~60°C
Warranty	18 month

## NEWTON TOUCH 29" SPECIFICATION



## SYSTEM

OS	Android 8.1
CPU	Quad-core ARM Cortex-A35, 1.35GHz
GPU	Mali-G31 MP2 GPU : 2D/3D Graphic Engine
RAM	DDR3 1GByte
Storage	eMMC 8GByte
Network	WLAN 802.11 b/g/n (2.4GHz)
Connectivity	Micro USB 2.0 (OTG 1 ea)

## VIDEO CODEC

Image	JPEG, BMP, GIF, PNG
Video	MPEG-1/2, VP8, H.263, H.264, Motion JPEG

## DISPLAY

Display type	29" TFT-LCD (IPS), edge LED Back-light
Touch	In-TOUCH (P-Cap in-cell Touch)
Active Area	698.4 x 196.43 mm
Resolution	1920 x 540
Display Colors	16.7 Million colors
Luminance, White	500 cd/m <sup>2</sup> (Typ.)
Viewing Angle (CR>10)	Viewing angle free (R/L 178(Min.), U/D 178 (Min.))
Bezel (mm, L/R/U/D)	7.2/7.2/7.7/9.6 mm
Life time (LED Backlight)	50,000hrs
Panel Surface	Anti-Glare, 4H

## TOUCH

Accuracy (Ø8)	≤ 3.0mm (max)
Latency (Ø8)	≤ 45ms (Touch down), ≤ 35ms (Panning)
Multi Touch	≤ 10 points

## MECHANICAL

Outline Dimension	712.8(H) x 213.4(V) x 16.0(D)mm
Weight	2.46Kg (Typ.)
Possible Display Type	Landscape / Portrait
Packing Dimension	850(L) x 260(W) x 280(H)mm
Cabinet Color	Black

## POWER REQUIREMENTS

Input Power Frequency	AC100-240V@50/60Hz
Output Voltage	12V
Output Current	2.5A
Output Power Connector To ISS product	USB Type C (Power Only)

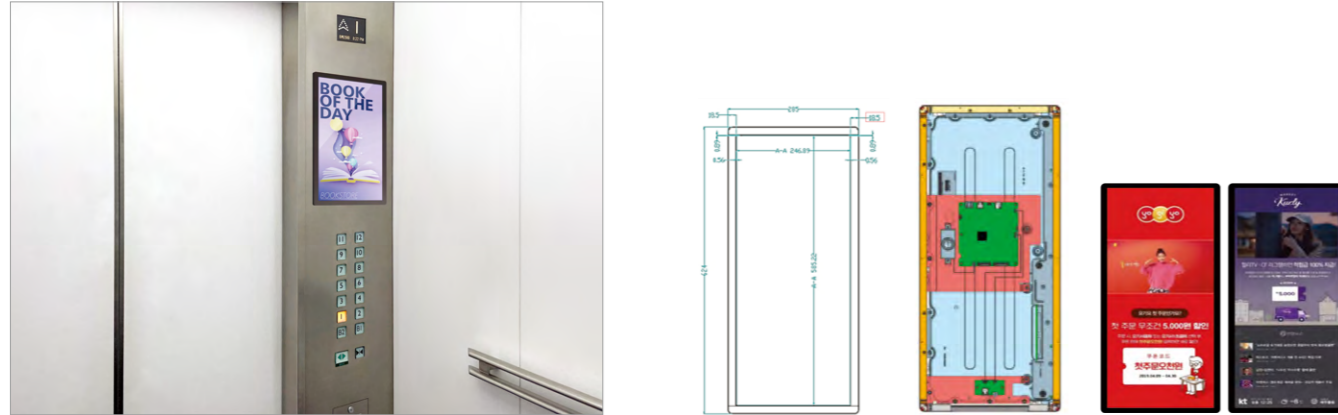
## ENVIRONMENTAL

Operation Temperature	0°C~45°C
Operation Humidity	10~80%RH
Storage Temperature	20°C~60°C
Warranty	18 month



## DISPLAY SOLUTION

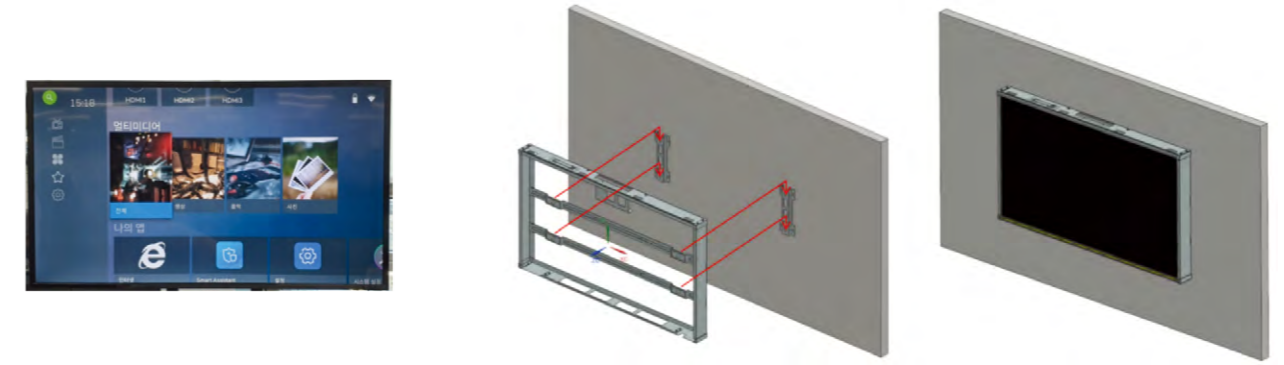
## Digital Signage 25" QHD



ITEM	SPECIFICATION
SIZE	25"(9:21) : 63.515cm (A/A : 246 * 585mm)
OUTLINE	285 * 624 * 30mm
RESOLUTION	1,080 * 2,560 (QHD)
OS	Android 7.1
CPU	RK3288 (Quad/1.8GHz)
RAM / ROM	2GB / 8GB
I/O PORT	RJ45, USB-A x2
SUPPORT	MPEG4 / AVC H.264
POWER	19V / 3.1A
BRIGHTNESS	Typ. 250 cd/m2 (Edge LED)
SPEAKER	Mono 3W

## DISPLAY SOLUTION

## Digital Signage 50" UHD



ITEM	SPECIFICATION
SIZE	49.51" (A/A : 1,095.84 x 616.41)
CPU	ARM Cortex-A53/1.5GHz/Quad Core
OS	Android 11
RESOLUTION	3,840 x 2,160 (UHD) @60Hz
BRIGHTNESS	300cd/m2 (Typ.), DLED
CONTRAST	5,000:1 (Typ.)
VIEWING ANGLE(CR>10)	H:178°,V:178°
RAM/ROM	2.0GB/8GB
SPEAKER	8W / 2CH
I/O PORTS	RJ45, HDMI x3, USB-A x2
POWER	AC 100~240V



## DISPLAY SOLUTION

## Digital Signage 32" FHD / 43" / 55" / 65" UHD



ITEM	32" FHD
CPU	T963 , Quad-core ARM Cortex-A35
OS	Android 9
RESOLUTION	1,920x1,080
LUMINANCE	500cd/m <sup>2</sup> (Typ.), ELED
CONTRAST RATIO	Typ. 4,000:1
VIEWING ANGLE(CR>10)	R/L 178°(Typ.), U/D 178°(Typ.)
RAM/ROM	2GB DDR4/8GB eMMC
SPEAKER	10W*2 6Ω
NETWORK, ETC	Ethernet (RJ45) / Wi-Fi (2.4G/5G)
I/O PORTS	HDMI x 3 , USB2.0 x 2 , RS232C
POWER	AC 100~240V@50/60Hz , Typ ≤ 75W

## APPENDIX

ITEM	43" UHD	55" UHD	65" UHD
ACTIVE SCREEN SIZE	941.184(H) x 529.416(V)mm	1219.6mm(H) x 691.9mm(V)	1219.6mm(H) x 691.9mm(V)
RESOLUTION	3,840 x 2,160	3,840 x 2,160	3,840 x 2,160
VIEWING ANGLE	R/L 178°(Typ.), U/D 178°(Typ.)	R/L 178°(Typ.), U/D 178°(Typ.)	R/L 178°(Typ.), U/D 178°(Typ.)
CONTRAST RATIO	Typ. 4,000:1	Typ. 4,000:1	Typ. 4,000:1
LUMINANCE	500cd/m <sup>2</sup> (Center 1Point, Typ.)	500cd/m <sup>2</sup> (Center 1Point, Typ.)	500cd/m <sup>2</sup> (Center 1Point, Typ.)
LED TYPE	Edge LED	Edge LED	Direct LED
RESPONSE TIME	8ms	8ms	8ms
BEZEL SIZE	U/D/L/R : 9.1mm	U/D/L/R : 8.9mm	U/D/L/R : 10.1mm
OS	Android 9	Android 9	Android 9
SOC	T963	T963	T963
CPU	Quad-core ARM Cortex-A35	Quad-core ARM Cortex-A35	Quad-core ARM Cortex-A35
GPU	ARM Mali-G31 MP2	ARM Mali-G31 MP2	ARM Mali-G31 MP2
RAM / ROM	2GB DDR4/8GB eMMC	2GB DDR4/8GB eMMC	2GB DDR4/8GB eMMC
NETWORK, ETC	Ethernet (RJ45) / Wi-Fi (2.4G/5G)	Ethernet (RJ45) / Wi-Fi (2.4G/5G)	Ethernet (RJ45) / Wi-Fi (2.4G/5G)
I/O PORT	HDMI x 3 , USB2.0 x 2 , RS232C	HDMI x 3 , USB2.0 x 2 , RS232C	HDMI x 3 , USB2.0 x 2 , RS232C
POWER	AC 100V ~ 240V 50/60Hz	AC 100V ~ 240V 50/60Hz	AC 100V ~ 240V 50/60Hz
POWER CONSUMPTION	Typ ≤120W	Typ ≤140W	Typ ≤150W
SPEAKER	10W*2 6Ω	10W*2 6Ω	10W*2 6Ω
DIMENSION	967.4*555.9*40mm	1239.7*712.5*38.6mm	1459.2*837.1*38.9mm



## 35" BAR DISPLAY SPECIFICATION



### PANEL FEATURES

Screen Size	35"
Active Display Area	878.4(H) x 48.19(V)
Pixel Pitch(mm)	0.101667(H) x 0.305(V)
Native Resolution	158xR.G.Bx2880
Brightness	400nits
Contrast Ratio	3000:1
Viewing Angle	178(H) / 178(V)
Display Color	8bit / 16.7M
Frame Rate	60Hz
Backlight	Edge LED
Life Time	>30000 Hrs

### POWER INPUT

Power Supply	100V ~ 240V , 50/60Hz
DC Input	12V 2A
Power Consumption(Watt)	24W (Max)

Mechanical Design	
Chassis Material	Metal
Chassis Color	Black
Product Size (With Bracket)	891.6x59.6x16.4mm
Product Size (Without Bracket)	891.6x59.6x15.2mm
Packing Carton Dimension	952(W)x120(H)x76(D)mm
Net Weight	0.85(Kg)
Gross Weight	1.2(Kg)

### AUDIO OUTPUT

Speaker Output	Support
----------------	---------

### FUNCTIONS

OS	Android 9.0
SoC	MSDT972
CPU	Arm Cretex-A55 Quad core
GPU	Mali-G31
Main Frequency	1.9GHz
RAM	2GB DDR3
ROM	8GB
Network support	WiFi 2.4GHz (1T1R)
Bluetooth	BT4.2
Video Format	AVI,MOV,MKV,WEBM,MP4,M4V,FLV,3GP,3G2,3GPP ,DAT,VOB,EVO,MPG,ASF,TP,TRP,TS,M2TS,MTS etc H.265(HEVC) 1080P 30fps,H.264
Audio	MP4,WAV,APE,FLAC,AAC etc
	Horizontal / Vertical / Split Screen
	Customized Play & Power on/off
Product Features	RTC timing clock
	System watchdog
	Support Web/Local info,Publish

### INPUT PORTS

OTG (Micro USB)	1
TF	1
Micro USB	1

### ACCESSORY

Remote Controller	1 (Option)
Adaptor	1
Wall Bracket	1 (Option)

## 37" BAR DISPLAY SPECIFICATION



### PANEL FEATURES

Screen Size	37"
Active Display Area	899.712(H) x 253.044(V)
Pixel Pitch(μm)	156.2(H) x 468.6(V)
Resolution	1920(H) x 540(V)
Brightness	700nits
Contrast Ratio	1000:1
Viewing Angle	178(H) / 178(V)
Display Color	8bit / 16.7M
Frame Rate	60Hz
Backlight	E-LED Light bar Type
Life Time	50000 Hrs

### INPUT PORTS

OTG (Micro USB)	1
RJ45	1
USB	2

### AUDIO OUTPUT

Speaker Output	Support
----------------	---------

### POWER INPUT

Power Supply	100V ~ 240V , 50/60Hz
DC Input	19V 3.17A
Power Consumption(Watt)	59W (Max)

### ACCESSORY

Adaptor	1
Wall Bracket	1 (Option)

### FUNCTIONS

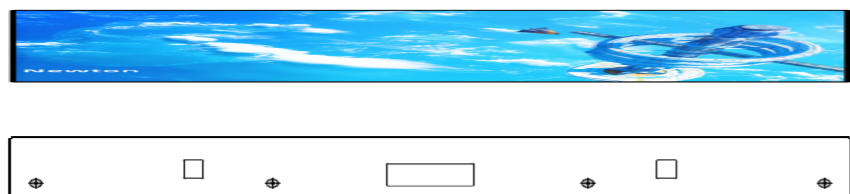
OS	Android 12.0
SoC	RK3566
CPU	Quad-core ARM Cortex-A55
GPU	Mali-G52
Main Frequency	1.8GHz
RAM	2GB LPDDR4
ROM	8GB eMMC
Network support	WiFi 2.4GHz/5GHz (2T2R)
Bluetooth	BT5.0
Video Format	MPEG-1/2/4, VP8, H.263, H.264, H.265, Motion JPEG
Audio	MPEG Audio, WAV Audio, OGG Audio, FLAC Audio, MIDI Audio
	Horizontal / Vertical / Split Screen
	Customized Play & Power on/off
Product Features	System watchdog
	Support Web/Local info,Publish

### MECHANICAL DESIGN

Chassis Material	Metal
Chassis Color	Black
Product Size (With Bracket)	914.9x280.9x35mm
Product Size (Without Bracket)	914.9x280.9x22.7mm
Packing Carton Dimension	TBD
Net Weight	TBD
Gross Weight	TBD



### 47.1" BAR DISPLAY SPECIFICATION



#### PANEL FEATURES

Screen Size	47.1"
Active Display Area	1196.16(H) x 49.84(V)
Pixel Pitch(μm)	311.5(H) x 311.5(V)
Resolution	3840(H) x 160(V)
Brightness	500nits
Contrast Ratio	1000:1
Viewing Angle	178(H) / 178(V)
Display Color	8bit / 16.7M
Frame Rate	60Hz
Backlight	Horizontal arranged, 2-LED Lighting Bar Type
Life Time	50000 Hrs

#### INPUT PORTS

OTG (Micro USB)	1
USB (Micro USB)	1

#### AUDIO OUTPUT

Speaker Output	Support
----------------	---------

#### POWER INPUT

Power Supply	100V ~ 240V , 50/60Hz
DC Input	12V 3A
Power Consumption(Watt)	36W (Max)

#### ACCESSORY

Adaptor	1
Wall Bracket	1 (Option)

#### FUNCTIONS

OS	Android 12.0
SoC	RK3566
CPU	Quad-core ARM Cortex-A55
GPU	Mali-G52
Main Frequency	1.8GHz
RAM	2GB LPDDR4
ROM	8GB eMMC
Network support	WiFi 2.4GHz/5GHz (2T2R)
Bluetooth	BT5.0
Video Format	MPEG-1/2/4, VP8, H.263, H.264, H.265, Motion JPEG
Audio	MPEG Audio, WAV Audio, OGG Audio, FLAC Audio, MIDI Audio

Product Features	Horizontal / Vertical / Split Screen
	Customized Play & Power on/off
	System watchdog
	Support Web/Local info,Publish

#### MECHANICAL DESIGN

Chassis Material	Metal
Chassis Color	Black
Product Size (With Bracket)	1209x62.9x22.1mm
Product Size (Without Bracket)	1209x62.9x14.5mm
Packing Carton Dimension	TBD
Net Weight	TBD
Gross Weight	TBD

### 49" DUAL DISPLAY SPECIFICATION



#### PANEL FEATURES

Screen Size	49" Dual
Active Display Area	1074(H) x 604(V)
Resolution	1920 x 1080
Brightness	A : 400nits / B : 1,000nits
Contrast Ratio	5000:1
Viewing Angle	178(H) / 178(V)
Display Color	8bit / 16.7M
Response Time	8ms
Frame Rate	60Hz
Backlight	Edge LED
Life Time	>50000 Hrs

#### MECHANICAL DESIGN

Chassis Material	Metal
Chassis Color	White
Product Size	1310x633x23.4mm
Packing Carton Dimension	952(W)x120(H)x76(D)mm
Net Weight	16(Kg)
Gross Weight	TBD

#### POWER INPUT

Power Supply	100V ~ 240V , 50/60Hz
Stby Power consumption	Under 1W
Power Consumption(Watt)	150W (Max)

#### AUDIO OUTPUT

Speaker Output	Support
----------------	---------

#### FUNCTIONS

OS	Android 7.1
SoC	RK3288
CPU	Arm Cretex-A17 Quad core
GPU	Mali-T764 MP
Main Frequency	1.8GHz
RAM	2GB DDR3
ROM	16GB
Network support	WiFi 2.4GHz (1T1R)
Video Format	AVI(H.264/Divx/Xvid),rm,rmvb,MKV(H.264/Divx/Xvid),FLV,(H.263/H.264),TS,3GP,MPG ...
Photo	BMP,JPEG,PNG,GIF
Audio	MP3,WAV,WMA,AAC,3GP

#### INPUT PORTS

HDMI Output	1
USB	2
RJ-45	1

#### ACCESSORY

Remote Controller	1 (Option)
Hanger Wire	2 (Option)

#### RELIABILITY

Operating Temperature / Humidity	0°C ~ 40°C / 10% ~ 90%
Storage Temperature	-20°C ~ 60°C



## NEWTON DIGITAL SIGNAGE 55" DISPLAY (PREMIUM) SPECIFICATION



### SYSTEM

OS	Android12
CPU	RK3566_ARM Cortex-A55/1.5GHz/Quad core
GPU	Mali-G52 MC1 550MHz
RAM	2G(4G)
Storage (ROM)	16G(32G)
Network	802.11 a/b/g/n/ac 2T/2R
Connectivity	USB2.0 x 1/USB3.0x1/RJ45
HDMI	X

### DISPLAY

Active Screen Size	1209.6(H) x 680.4(V) mm
Contrast ratio	1200:01:00
Resolution	3840 x 2160 / 60P
Color Depth	1.07G (8bits + FRC )
Luminance, White	Min 550, Typ 700 nit
Viewing Angle(CR>10)	Typ(H:178°,V:178°)
Portrait mode	Yes
Response time	8ms
Back light	Side Edge 2 LED Light Bar

### CODEC

Image	JPEG, BMP, GIF, PNG
Video	MPEG-1/2/4, VP8, H.263, H.264, H.265, Motion JPEG
Audio	MPEG Audio, WAV Audio, OGG Audio, FLAC Audio, MIDI Audio

### MECHANICAL

SET Outline Dimension	1232.4(H) x 703.2(V) x 35(D)mm
Size (Wall hanging)	TBD
Weight	TBD : SET Only 9.8Kg
Packing Outline Dimension	TBD
Packing Weight	TBD
Net Weight	TBD
Gross Weight	TBD

### POWER REQUIREMENTS

Power Consumption	160W
Standby Power	<0.5W
Power Source	AC100-240V@50/60Hz

### ENVIRONMENTAL REQUIREMENT

Operating Temperature	0 - 40°C
Operating Humidity	10~80%RH
Storage Temperature	-20°C~60°C

### SOUND

Speaker	3W + 3W
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### SIGNAL I/O JACK

Audio out (Lineout)	X
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### WARRANTY

LED Backlight Lifetime	50,000HR
Warranty Period	18 month

## 75" SIGNAGE DISPLAY SPECIFICATION



### PANEL FEATURES

Screen Size	75"
Active Display Area	TBD
Resolution	3840 x 2160
Brightness	Typ. 330cd/m2
Contrast Ratio	1200:1
Viewing Angle	178(H) / 178(V)
Display Color	1.07G
Response Time	8ms
Frame Rate	
Backlight	Direct LED
Life Time	

### MECHANICAL DESIGN

Wall Mount	500x300
Size (without stand) LxWxH	TBD
Size (Carton) LxWxH	TBD
Net Weight (without stand)	TBD
Gross Weight (without stand)	TBD
Gross Weight	TBD

### AUDIO OUTPUT

Speaker Output	18W+18W
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### POWER INPUT

Power Supply	100V ~ 240V
Standby Power	≤0.5W
Power Consumption(Watt)	TBD

### FUNCTIONS

OS	Android 11
SoC	MT9632
CPU	ARM Cortex-A53/1.5GHz/Quad core
GPU	G52MP2/Dual core
Main Frequency	1.5GHz
RAM	1.5GB (2GB Optional)
ROM	8GB (16GB Optional)
Network support	Wifi 2T2R / Bluetooth 5.1
Video Format	
Photo	
Audio	

### INPUT PORTS

HDMI	3
USB 2.0	2
RJ-45	1

### ACCESSORY

Remote Controller	1
Stand / Battery / Warranty Card	Option

### RELIABILITY

Operating Temperature / Humidity	5°C~40°C / 20~80%
Storage Temperature	-20°C ~ 60°C





Traditional French ingredients, like only  
welcome coffee.



**Today's special:**

French-style coffee. A dark roasted coffee  
featuring a uniquely sweet, nutty.

<b>Bonno</b> Caramelized coffee with nutmeg	5.6	<b>Flat White</b> With steamed milk	4.0	<b>Strawberry Smoothie</b> Ripe berry picked at their peak	5.7
<b>Americano</b> Whisker size	4.2	<b>Latte</b> Espresso and steamed milk	4.7	<b>Strawberry Tea</b> Strawberry with hot water	4.5

French Dessert  
**COFFEE**

Sweet Treats crafted in the traditional French style.

Free sample Fridays  
**Give it a try!**

Flavors perfected over generations and loved around the world.

ADVERTISEMENT  
DISPLAY



A large, curved video wall advertisement for Coca-Cola Studio. The central image shows a young woman with dark hair, wearing a red plaid shirt over a light blue crop top, holding a red can of Coca-Cola Studio. The background of the ad is black with the word "Mimi" repeated in a white, stylized font. In the top left corner of the ad is the "Coca-Cola" logo, and in the top right corner is the "Coke STUDIO" logo. At the bottom of the ad, there is a line of small Korean text.

VIDEO WALL  
SIGNAGE

A smaller video wall advertisement for Netflix, displaying the word "NETFLIX" in its characteristic red font on a dark background.

Starfield  
COOK WALL

A small video wall advertisement for Starfield, featuring the brand name and some promotional text in Korean.







ELECTRONIC  
BULLETIN BOARD



The kiosk display features a menu titled "Coffee BEFORE TALKS" with a coffee cup icon and a barista character. The menu is organized into a grid of drink options, each with an icon and a price. At the bottom, there is a summary section with a total price of \$21.00 and an "Order" button.

Drink Name	Price
Espresso	\$2.2
Americano	\$2.5
Cappuccino	\$4.2
Latte	\$4.2
Macchiato	\$3.8
Flat White	\$4.0
Hot Chocolate	\$3.0
Chocolate Mocha	\$4.2
Vanilla Latte	\$3.8
Strawberry Lemonade	\$3.8
Blueberry Lemonade	\$3.8
Orange Juice	\$3.2
Apple Juice	\$3.2
Orange Smoothie	\$4.8
Apple Smoothie	\$4.8
Strawberry Smoothie	\$4.8
Blueberry Smoothie	\$4.8
Hot Chocolate	\$3.8
Chocolate Mocha	\$4.2
Vanilla Latte	\$3.8
Strawberry Lemonade	\$3.8
Blueberry Lemonade	\$3.8
Orange Juice	\$3.2
Apple Juice	\$3.2
Orange Smoothie	\$4.8
Apple Smoothie	\$4.8
Strawberry Smoothie	\$4.8
Blueberry Smoothie	\$4.8

Total: \$21.00

Order

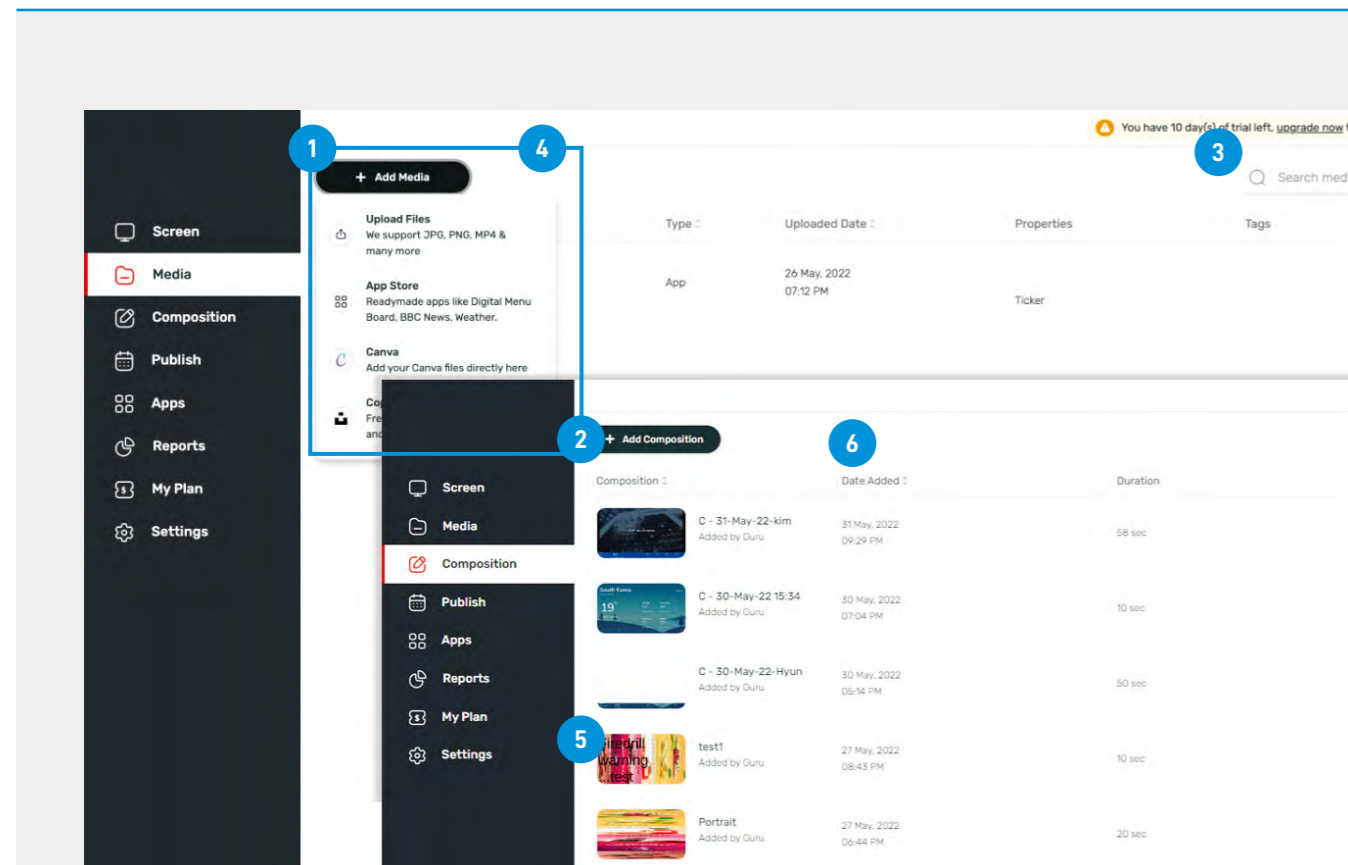


KIOSK DISPLAY

# CMS

## SOLUM CMS FUNCTION

- 1 Play content (registration, edit, delete)
- 2 Play content group setup
- 3 Content search
- 4 Edit content layouts (8-ZONE support)
- 5 Content pre view
- 6 Content pre view
  - Content name
  - Sort
  - Resolution
  - FILE SIZE
  - Play time

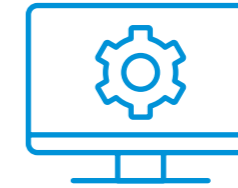


# CMS FEATURES



### CMS-DEVICE SUNCTION

- Real-time monitoring system (CMS issue)
- Targeting content (advertisement and promotion)



### CUSTOMIZING

- Upgrade operation
- Upgrade report
- Data structure



### CONTETN PLAY OPTION SUPPORT

- Download, streaming support
- Media selection by communication and content

SORT	Function	SOLUM'S FEATURES
Main	<ul style="list-style-type: none"> <li>· Plater operations (on, off-line, error, registration)</li> <li>· Schedule operation (time, sub-title, control)</li> <li>· latest edit content list</li> </ul>	<ul style="list-style-type: none"> <li>· *Data analysis (Planning)</li> </ul>
Content	<ul style="list-style-type: none"> <li>· Play content group setup</li> <li>· Content preview</li> <li>· Content data field</li> </ul>	<ul style="list-style-type: none"> <li>· Edit content layouts (8-Zone support)</li> </ul>
SCHEDULE	<ul style="list-style-type: none"> <li>· Schedule categorizing (time, subtitle)</li> <li>· Scheduling (day, week, month)</li> <li>· Repeat reservation and scheduling</li> </ul>	<ul style="list-style-type: none"> <li>· Enhance schedule convenience (schedule management)</li> </ul>
Player	<ul style="list-style-type: none"> <li>· User registration, edit, deletion</li> <li>· User status (on, off-line, error)</li> </ul>	<ul style="list-style-type: none"> <li>· Content download and streaming play</li> <li>· Option support (Hybrid)</li> </ul>
Report	<ul style="list-style-type: none"> <li>· Seasonal play report (daily, weekly, monthly)</li> <li>· play history (by content)</li> </ul>	



The background features several overlapping, semi-transparent blue rectangular planes. One large plane is positioned in the upper left, while another is below it, partially overlapping. A third, smaller plane is positioned to the left of the second one. The planes are set against a solid black background, creating a sense of depth and modern design.

ABOUT SOLUM

# SOLUM HISTORY

## LEAPFROG

## GROWING SEASON



### 1973

- TV Tuner SET - Top Box

### 1996

- General Adapter
- Mobile Charger
- TV SMPS

### 2012

- Power + Driver For LED
- 1st E-paper ESL

### 2014

- 3 Color ESL 1st Graphic ESL TV

### 2015

- Spin - Off From SAMSUNG

### 2017

- LoRa Module GPS Tracker Item Label
- Bluetooth Item Finder Stripe Display

### 2019

- Newton Launching
- 3 Port Charger
- Air Quality Checker
- WBG Power Supply M/S no.1 in North America in ESL

### 2021

- Public Offering in Korea KOSPI

### 2022

- Motion & Air Condition Detector
- Healthcare Item Digital Signage
- True Wireless Stereo (Bio TWS)



# GLOBAL PRESENCE



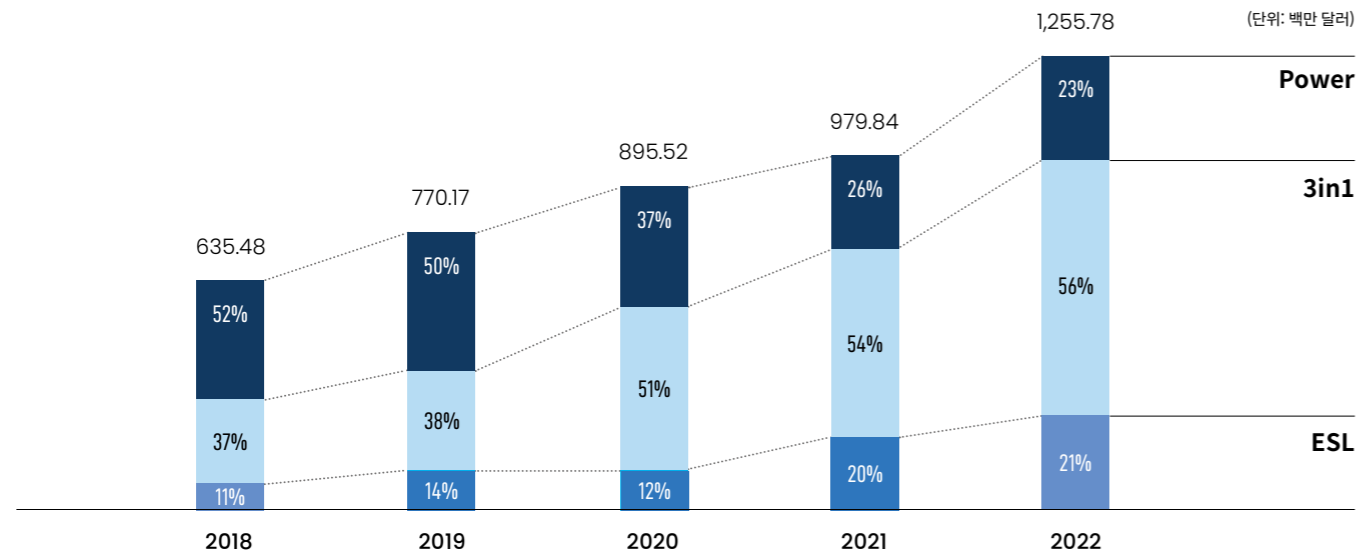
04 SOLUM Production Sites

06 Sales Offices

60% R&D Specialists

611 Global patents

# SOLUM SALES REVENUE



SOLUM has a solid business model that is centered around chargers, power modules, IoT devices and Electronic Shelf Labels (ESLs).

We maintain a close, collaborative relationship with major global clients like Samsung, Sony and Intel.

We also work closely with major distributors like REWE, Metro, Loblaw, Lowe's, Macy's and Alibaba for our ESL business.

Based on our stable financial structure, we make substantial amount of investments into research and development every year and we promise you that we will become an innovative leader in the global ESL market.



# SOLUM PATENT



The Industry's First to Win World's Top 3 Design Awards (Red Dot, iF, IDEO)

- Outstanding production capabilities from subsidiaries in Vietnam, China, Mexico and India
- Advanced capabilities to design, develop and manufacture wireless communication modules and RF

	PATENT	UTILITY MODEL	TRADEMARK	DESIGN	TOTAL
POWER	323	11	2	17	353
ESL	43	-	11	36	90
IOT	-	-	15	5	20
COMMON	-	-	25	-	25
<b>TOTAL</b>	<b>366</b>	<b>11</b>	<b>53</b>	<b>58</b>	<b>488</b>



**SOLUM**  
Solution provider.

[www.solum-group.com](http://www.solum-group.com)

[www.linkedin.com/company/solumesl/](https://www.linkedin.com/company/solumesl/)