



**Live in a more intelligent world**



# SMART SYSTEMS & TECHNOLOGIES Kft.

## We introduce ourselves

As we see more and more new, unknown electronic „gadgets” in films and we ask ourselves how this is possible. Are we really here or are these in our minds?

Thanks to the fast technical development more products are available for everyone and our company introduces the newest technologies as first.

Marketing is one of the areas, where fast change is best observed. Companies constantly try to force customers to buy something.

The newest POS marketing tools are among our innovative solutions, just like interactive shop window, when customers do not need to enter the shop to see its supply, and can get information even after opening hours. We also deal with shelving systems, mirrors, brochure holders, 3D hologram displays, wall displays, LCD video wall and kiosks, all are suited to play advertisements.

Nowadays people are focusing on reducing energy consumption. That can be secured with a new shading solution, called smart film and smart glass. Smart film is sticked on the glass from inside, fit with an electrical supply that can be switched on (the glass is transparent) or off (the glass is milk-white), thus we can make private sectors in a moment. You can use this on windows, or separating rooms/meeting rooms. The even more modern solution is called smart glass, when we integrate the film between glasses.

Among our innovative solutions you can find touch screen tables available in different types with many applications. Some models would perfectly fit in modern living rooms, hotels, restaurants or cafes. Others can be used in meeting rooms, conference rooms.

What are our services?

- surveying and comprehensive construction for smart film, smart glass and touch screen foil
- Installation and set-up of operating system for touch screen tables and multimedia advertising mediums, and building up of electrical supply if necessary
- execution of individual ideas

**We recommend our products to people, who want keep up with development of technology!**



# TOUCH SCREEN TABLES



## Touch screen tables

Among our innovative solutions you can find touch screen tables available in different types with many applications. Some models would perfectly fit in modern living rooms, hotels, restaurants or cafes. With the help of a softver guests can give orders by tables. Using this function service can be faster in restaurants, and guests can surf on the internet because of Wifi function, so comfort of clients comes to the frontline. Other models can be used in meeting rooms, conference rooms.

Each table has the same technical data, the difference is in the size!



## Technical data

PC system	PC	Motherboard	H61
		CPU	Intel i3(3 th generation, Dual core)
		RAM	4GB DDR III 1333 RAM (up to 16 GB)
		Graphics	integrated with CPU
		Wifi	high quality Wifi module included
		Operating system	2 options: - with registered OS ( recommended: Win 10 ) - without OS
Monitor	LG/Samsung	Contrast	3000:1
		Operating temperature	0-50°C
		Response time	6ms
		Max. resolution	1920*1080
Touch screen	IR touch/nano touch foil	Touch points	4 points IR touch/ 10 points touch foil
		Resolution	4096*4096
		Features	waterproof
Power	Input voltage	AC100~240V 50/60 Hz	
	Power consumption	180W	
	Standby power consumption	<5W	
Cabinet	color	optional	
	Other features	1,5 mm thickness cold-roll steel sheet, elegant design, easy to operate and maintain, watertight	
Accessories	power cables, HDMI cables, warranty card		

## Types



### SST808

Available sizes: 32", 42", 46",  
55", 65"



### SST826

Available sizes: 42"



### SST827

Available sizes: 42", 46", 55", 65",  
70"



## SST849

Available sizes: 32", 42", 46", 55",  
65", 70"

## SST850

Available sizes: 42", 46", 55", 65"



## SST921

Available sizes: 46"





## SST894

Available sizes: 42"



## SST899

Available sizes: 42", 46", 55", 65"



## SST882

Available sizes: 42"





## SST825

Available sizes: 42", 46", 55", 65"



## SST842

Available sizes: 42", 46", 55", 65"



## SST872

Available sizes: 42"



## SST938

Available sizes: 42", 46", 55", 65"



## SST878

Available sizes: 22"



## SST924

Available sizes: 42"



## SST920

Available sizes: 42", 46", 55", 65",  
70"



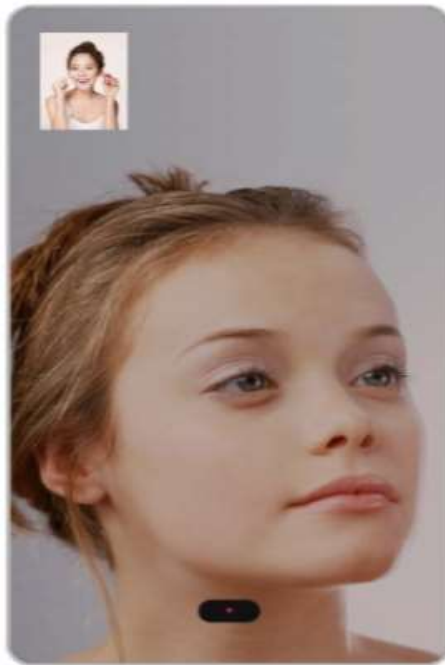
## SST922

Available sizes: 42"



## SST923

Available sizes: 42", 46", 55", 65",  
70"



# MULTIMEDIAL ADVERTISING MEDIA





## Intelligent shelf – SST806

Intelligent shelf is suited for both physical and visual product placement that increases the efficiency of advertising.

Application suggestion: product placement by brand

PC system	i3	Motherboard	H61
		CPU	Intel i3(3 th generation, Dual core)
		RAM	4GB DDR III 1333 RAM (up to 16 GB)
		Graphics	integrated with CPU
		Wifi	high quality Wifi module included
		Operating system	2 options: - with registered OS (recommended: Win 10) - without OS
Monitor	LG/Samsung	Contrast	3000:1
		Operating temperature	0-50°C
		Response time	6ms
		Max. resolution	1920*1080
		Available sizes	17", 19", 22"
Touch screen	IR touch/nano touch foil	Touch points	4 points IR touch/ 10 points touch foil
		Resolution	4096*4096
		Features	waterproof
Power	Input voltage	AC100~240V 50/60 Hz	
	Power consumption	180W	
	Standby power consumption	<5W	
Cabinet	Color	optional	
	Other features	1,5 mm thickness cold-roll steel sheet, elegant design, easy to operate and maintain, watertight	
Accessories	power cables, HDMI cables, warranty card		



## Intelligent brochure holder – SST893

Intelligent brochure holder is suited for physical and visual product placement that increases the efficiency of advertisement.

Application suggestions: in shopping malls, showrooms, museums, hotels, at exhibitions

PC system	i3	Motherboard	H61
		CPU	Intel i3(3 th generation, Dual core)
		RAM	4GB DDR III 1333 RAM (up to 16 GB)
		Graphics	integrated with CPU
		Wifi	high quality Wifi module included
		Operating system	2 options: - with registered OS (recommend: Win 10) - without OS
Monitor	LG/Samsung	Contrast	3000:1
		Operating temperature	0-50°C
		Response time	6ms
		Max. resolution	1920*1080
		Available sizes	19", 22"
Touch screen	IR touch/nano touch foil	Touch points	4 points IR touch/ 10 points touch foil
		Resolution	4096*4096
		Features	waterproof
Power	Input voltage	AC100~240V 50/60 Hz	
	Power consumption	180W	
	Standby power consumption	<5W	
Cabinet	Color	optional	
	Other features	1,5 mm thickness cold-roll steel sheet, elegant design, easy to operate and maintain, watertight	
Accessories	power cables, HDMI cables, warranty card		



## Standing kiosk – SST001

Standing kiosk is one of the most modern advertising media. One model is suited for playing videos and images, while the other model we offer with Windows operating system, and can be used as interactive surface due to touch screen function. We provide in different sizes, from 32" to 65".

Application suggestions: in shopping malls to inform and to advert

Panel information	Screen size	32"	42"	47"	55"	65"
	Max. resolution	1920*1080				
	Contrast ratio	1400:1		1600:1		4000:1
	Aspect ratio	16:9				
PC system	CPU	Intel i3				
	Graphics	integrated with CPU				
	RAM	4GB DDR3 1333 RAM				
	Operating system	WIN7				
Videos / Images	Supported formats	MPG, MPEG-1/2/4, AVI, MKV, FLV, TS, VOB, JPEG, BMP, GIF / FLASH / HTML				
	HDMI and VGA input	optional				
Audio	Speaker	2*5W				
	Audio code	MP3, WAV				
Communication	Bluetooth	optional				
	Wi-Fi	supported				
	Mouse / keyboard	Bluetooth suit (optional)				
	3G Modem	optional				
General information	Color	black and silver				
	Accessories	power cable				
	Input voltage	110 - 240V/3A				
	Power consumption	<300W				
	Operating temperature	0 - 50°C				
	Storage / working humidity	10 - 90%				



## Touch screen kiosk – SST002

Touch screen kiosk is installed with Windows operating system and touch screen function. Different sizes available, from 22” to 55”.

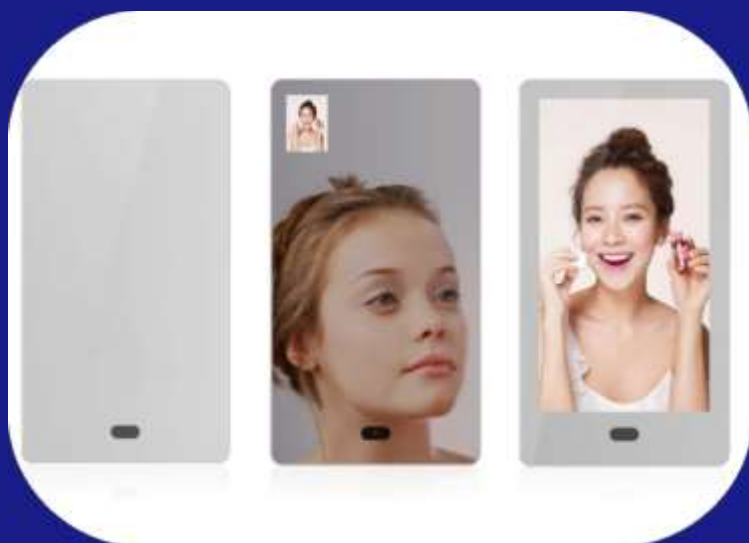
Application suggestions: in shopping malls, hotels, museums, restaurants, zoos, on exhibitions to inform

Panel information	Screen size	22"	32"	42"	55"
	Max. resolution	1920*1080			
	Contrast ratio	1000:1	1400:1		1600:1
	Aspect ratio	16:9			
PC system	CPU	Intel i3			
	Graphics	integrated with CPU			
	RAM	4GB DDR3 1333 RAM			
	Operating system	WIN7			
Videos / Images	Supported formats	MPG, MPEG-1/2/4, AVI, MKV, FLV, TS, VOB, JPEG, BMP, GIF / FLASH / HTML			
	HDMI and VGA input	optional			
Audio	Speaker	2*5W			
	Audio code	MP3, WMV			
Communication	Bluetooth	optional			
	Wi-Fi	supported			
	Mouse / keyboard	Bluetooth suit (optional)			
	3G Modem	optional			
General information	Color	white			
	Accessories	power cable			
	Input voltage	110 - 240V/3A			
	Power consumption	<500W			
	Operating temperature	0 - 50°C			
	Storage / working humidity	10 - 90%			



## Intelligent mirror –

### SST003



Intelligent mirror is the newest innovation of advertising surfaces. Due to its motion and presence sensor has different functions. It works as a normal mirror, an intelligent advertising surface and a combination of both. Stepping in front of the mirror the display of advertisements continues in reduced size in one of the top corners.

Application suggestions: in toilets and fitting rooms of shopping malls

Panel information	Screen size	32"	42"	55"
	Max. resolution	1920*1080		
	Contrast	1400:1		
	Aspect ratio	16:9		
Videos / Images	Supported formats	MPG, MPEG-1/2/4, AVI, MKV, FLV, TS, VOB, JPEG, BMP, GIF		
	HDMI input	supported		
Audio	Speaker	2*5W		
	Audio code	MP3, WMV		
General information	Color	silver		
	Accessories	power adapter		
	Input voltage	110 - 240V/3A		
	Power consumption	<130W		
	Operating temperature	0 - 50°C		
	Storage / working humidity	10 - 90%		
	Size (height*width)	80*50cm	103*61cm	132*78cm
	Thickness	6cm	7cm	6,5cm

Optional versions:

- without operating system
- with Android operating system
- with Windows operating system

## LCD Display – SST004



LCD Display is a modern advertising surface, it is suited for playing videos and images. You can buy it with Android and Window operating system. Touch screen version can be used as interactive surface.

Available sizes: 10.1”-65”

Application suggestions: in shops of shopping malls

Panel information	Max. resolution	it depends on the size
	Contrast	it depends on the size
	Aspect ratio	16:9
Videos / Images	Supported formats	MPG, MPEG-1/2/4, AVI, MKV, FLV, TS, VOB, JPEG, BMP, GIF
	USB, SD card, power adapter, VGA input	supported
Audio	Speaker	2*3W
	Audio code	MP3, WMV
General information	Color	silver, black
	Accessories	power adapter
	Input voltage	110 - 240V/3A
	Power consumption	it depends on the size
	Operating temperature	0 - 50°C
	Storage / working humidity	10 - 90%

Optional versions:

- without operating system
- with Android operating system
- with Windows operating system

## LCD video wall –

### SST005



You can change number and size of the monitors to build a LCD video wall. You can choose between next mounting methods: wall mounted version, standalone version, bracket standalone version.

Available sizes: 42"-65"-  
/monitor

Application suggestions: in the shops of shopping malls, in talking rooms

Aspect ratio	16:9
Max. resolution	1920*1080
Contrast	4000:1
Response time	6ms
DVI, HDMI, VGA, AV, YUV, S, Audio Input, AV Output	supported
Operating temperature	0-50°C
Input voltage	AC100~240V 50/60 Hz
Power consumption	<230W



## 3D hologram display

### - SST006

3D hologram display is suited for visual product placement, this is a new marketing area.

Available sizes: 19"-42"

Application suggestions: on product exhibition

Glass	temperated hologram glass
Max. resolution	1920*1080
Contrast	4000:1
Supported formats	MP4, AVI, MWV, JPEG
USB, HDMI, VGA Input	supported
Audio	2x10W
Operating temperature	0-50°C
Power consumption	AC100~240V 50/60 Hz



# SMART FILM/GLASS



## Smart film

Smart film has different names, like intelligent film, switchable film.

With this innovative, revolutionary technology you can change a transparent glass surface to milk white glass one with a simple press of a button. Using the switching function you can turn the opened visitor room to a private meeting room in a glimpse. It can be installed easily on windows, shop windows, partition walls, creating pioneering solutions, chances in the area of marketing, design and architecture.

### Advantages:

These interactive, multifunctional glass-technologies will be more and more important in the future in marketing and architecture. With the help of an application it can be controlled by any smart tools. Due to its multilayer features it has more application areas:

- discretion



Transparency of the glass wall of meeting rooms or shower cabins changes with the press of a button.

- shop-window



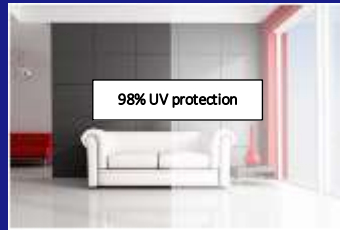
Different advertisements can be displayed easily on the shop window surface with other technical tools.

- temperature control



It has good insulation feature, reducing warmth from outside in the summer, while keeping it inside in the winter.

- UV protection



It has 98% UV protection.

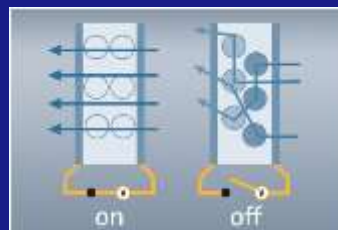
- noise reduction



The noise level is reduced with at least 38 db that is a large advantage in meeting and conference rooms.

### Functionality:

Both sides of a liquid-crystal film are covered with a conductive coating and connected to a conductor rail. As soon as there is an electric voltage applied between the two layers the intermediary particles are getting aligned, the film turns into a transparent surface.

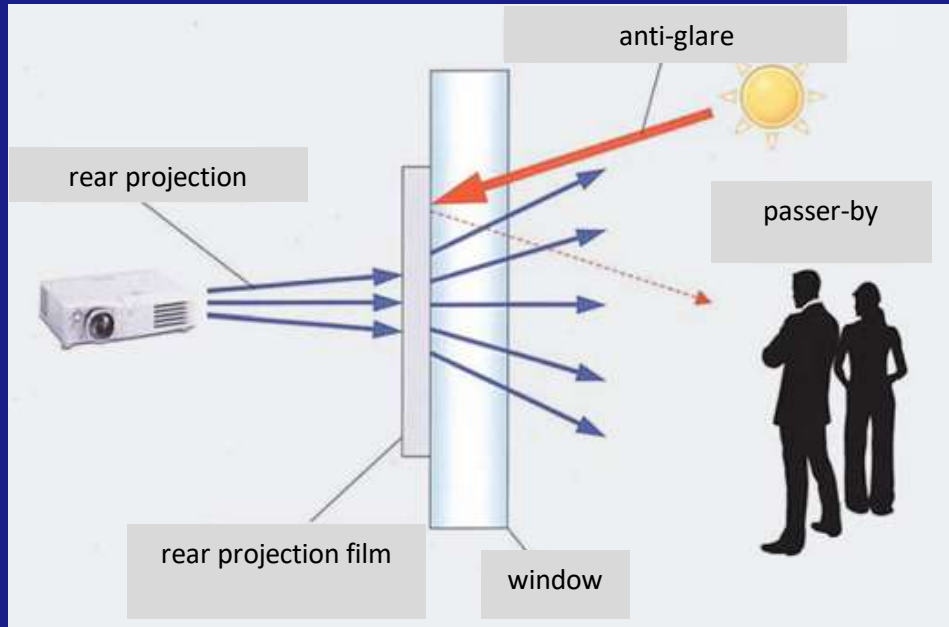


### Technical data:

- operating voltage (on): 60-70V (AC 50/60 Hz)
- response time: 10ms
- consumption (on): 5W/m<sup>2</sup>
- transparency (on): 92%
- thickness: 0,35 +/- 0,05mm
- max. size/piece: 3000mm x 1800mm
- min. / max ambient temperature: -40~90°C
- operating life (on): >300.000 hours

## Applications:

- on inside glass walls of talking rooms
- on windows instead of venetian blind, strip curtain
- on inside glass walls of hospitals, private clinics
- on shop windows to advert



## Smart glass

Smart glass is smart film integrated in between two tempered safety glasses.

Its benefits are the same of those of smart film, but the combination of smart film and tempered safety glass protects against violence with high efficiency.

Max. size is 3000mm × 1800mm. It is produced according to order sizes.

It can be applied for building up of glass facades, storefronts, shop windows, inside glass walls, windows, doors.







# TOUCH SCREEN FOIL



## Touch screen foil

With This technology we can turn any glass surfaces to a computer or to an interactive shop window.

Touch screen foil is an interactive foil with sensors that reacts for touch that is adhesive to glass (self-adhesive).

- available aspect ratio: 16:9
- sizes: 17"- 120"
- with USB connection
- touch function: mouse
- operating temperature: -20°C~60°C
- compatibilization: Win2000/WinXP/Win7/Win8/Linux/Mac/Android
- consumption: max. 0,5W
- max. glass thickness 20 mm because of modality



# Application

## Interactive shop window:

We can employ touch screen foil in area of marketing as a POS marketing tool. We can make an interactive shop window with the help of different technical tools that targets mainly the passer-by. People can get exact and comprehensive information immediately about chosen products that may force them to buy these.

## Building up solutions

### **1. Touch screen foil + rear projection film + projector + PC**

We stick touch screen foil and rear projection film on inside of glass. We connect touch screen foil and projector with a PC, so glass has back-projection.

### **2. Touch screen foil + monitor with a stand + PC**

We stick touch screen foil on inside of glass. We fix monitor on a stand, we connect touch screen foil and monitor with a PC.

### **3. Touch screen foil + AIO-PC with a stand**

We stick touch screen foil on inside of glass. We fix AIO-PC on a stand, we connect touch screen foil with AIO-PC.

## Benefits:

- awareness
- non-stop information service
- higher receipt ratio
- easily, quickly changeable content



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