

## SMA 9L Series Touch screen Monitors

65", 75", 86" 4K SmartMedia touch screen

### SMA Series 9L

Integrated Android 9, Multilanguage  
[Optional integrated PC OPS]

**WiFi**  
**Integrated LAN**  
**Bluetooth**  
**2 USB touch ports**  
**USB inputs**

Automatic palm recognition for eraser function.

Tempered glass, anti-reflective.

Features Available:  
Ambient Brightness Sensor  
WiFi hotspot



### Excellent experience

#### SmartMedia SMA serie 9L

The SMA 9L series touch monitors are modern and technological systems that allow perfect vision, for interactive presentations, easy to use.

The monitors are equipped with a 4K matrix to ensure long life and high resolution.

Modern design with black frame, rounded corners, anti-reflective glass, USB input ports.

Integrated Android player to browse the web and use any App, optional integrated OPS PC.

#### APPLICATIONS

**The SMA Series multi-touch monitors are a powerful and versatile tool with 4K resolution viewing at full power.**

**The complete and functional solution, ideal for meeting rooms or offices and the realization of common projects, which can be modified with one touch!**

**Ideal for Digital Signage and Videoconferencing.**

**5 ports located on the front of the monitor (3 USB ports - for Android and integrated PC, 1 HDMI input, 1 touch port)  
Additional USB and HDMI ports available on the rear.**

#### MAIN FEATURES

- Infrared technology
- Seamless natural writing technology
- Android 9.0 Multilingual integrated with WiFi
- Environmental sensor for automatic brightness adjustment
- WiFi hotspot
- MicroSD card reader for memory extension
- Designed to allow maintenance of infrared modules on site
- Software supplied: SmartTouch for managing multimedia contents, SmartMedia IWB complete with videoconferencing plug-in, SmartMedia Pro for managing devices in the room, SmartSignage for Digital Signage applications
- Optional integrated PC OPS, available with i5 or i7 processor (\* customizable)

## Included SmartTouch Software

**SmartTouch** is the software that lets you manage multimedia content and presentation files more effectively and in a more visually engaging way on any touch-based device. Easy to use, SmartTouch allows you to control and interact with content naturally thanks to hand gesture recognition. SmartTouch has been designed to give you an experience much like your smartphone or tablet. Designed for use with touch screen monitors and with interactive kiosks and tables.

Great at info points, trade shows, museums, retail locations, shopping malls, television news studios, meeting rooms, airports, hotels, universities, schools, training centers, libraries, etc.

### PHOTO, VIDEO AND AUDIO VIEWER

Allows you to visualize and manipulate photographs, videos and audio files, annotate directly over the screen, and capture and email your annotations.

### JIGSAW PUZZLE

This app simulates a classic jigsaw puzzle to entertain in a fun way! Users can turn any image they desire into a puzzle.

### PDF AND MICROSOFT WORD, EXCEL AND POWER POINT FILE VIEWER

Lets you visualize the selected file and zoom in or out on all or part of the document, annotate directly over the screen, and capture and email your annotations.

### BROWSER

The integrated web browser will let you navigate the Internet and create white and black lists to limit access only to specified sites, annotate directly over the screen, and capture and email your annotations.



### QUIZ BUILDER

Create and manage custom quizzes for educational or entertainment purposes.

### FORM:

Lets you visualize the selected file and zoom in or out on all or part of the document, annotate directly over the screen, and capture and email your annotations.



### Compatibility

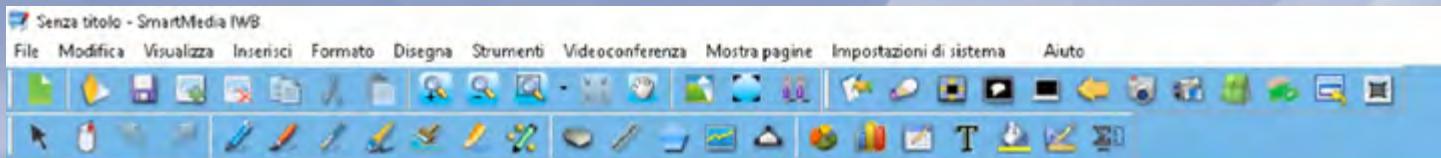


Minimum requirements: 7-inch Tablet with Windows 8.1 or Windows 10 or Desktop PC with Windows 7, 8, 8.1 or 10

## Software author SmartMedia IWB

### SmartMedia IWB

It's the **Multilingual Authoring Software** of SmartMedia, available on some IWB Whiteboards, Interactive Monitors and Touch Tables of the brand | Freely installable on any computer even without the presence of the IWB | The toolbar, with clear and intuitive graphics, ensures direct access to the resource gallery and to the connection to digital devices such as video camera, webcam, document camera or interactive responders for a more active participation in the activities | Allows to control all the functions of the PC/Notebook for the creation of interactive presentations, the production of educational content for convolving and motivating interaction with students | Import and export of lessons created in the universal format Interactive Whiteboard / Common File Format (IWB / CFF) for the exchange of lessons between LIMs of different brands.



#### LESSONS PREPARATION OR PRESENTATIONS

Creation of multiple files with the possibility of switching from one lesson to another without losing the previously created work, also templates (templates), custom backgrounds, tables, histograms and pie charts in 2D and 3D. Generation and display of tests and quizzes for answering systems. Audio-video recording in .avi format of the presentation. Replay of all the actions performed on the single page to repeat, for example, an unclear concept. Importing documents (.doc, .docx, .xls, .xlsx, .csv, .pdf, .ppt, .pptx, etc.), lessons (.iwb), image files (.bmp, .emf, .gif, .jpeg, .jpg, .png, .wmf), video and audio files (.asf, .avi, .mov, .dat, .mpg, .mpeg, .rm, .rmvb, .wav, .mp3, .mp4, etc.) and flash files (.swf, .flv). Export to: image file (.jpg, .jpeg, .bmp, .png, .tif, .tiff, .gif), pdf, powerpoint (.ppt, .pptx), word (.doc, .docx), excel (.xls, .xlsx), web page (.html)

#### GALLERY RESOURCES AND CONTENTS

Multimedia gallery with over 10,000 resources (learning objects) modifiable by the teacher for diverse school disciplines (mathematics, chemistry, physics, computer science, history, geography, optics, electrotechnics, music, physical education, architecture, language of gestures, etc ...). Search for online resources using a keyword using Google Images built into the software.

#### PRESENTATION TOOLS

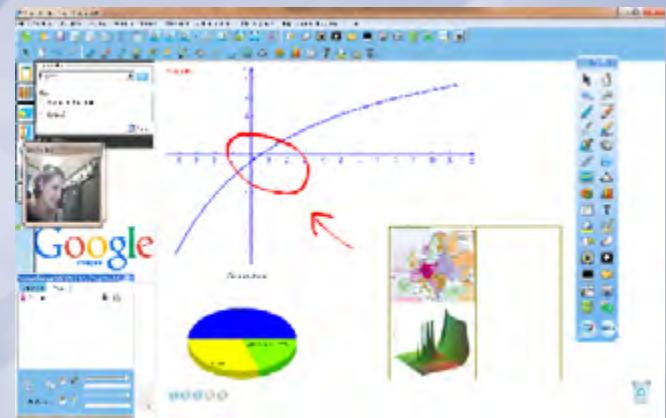
Curtain, reflector, highlight, black screen, magnifying glass, built-in window, timer / clock, multimedia player, screen shot, image capture, etc ...

#### MULTIMEDIA and MULTI-DEVICE CONNECTION

Connection to video camera, webcam, document camera or other digital devices for real-time acquisition of images, videos and sounds to be used to create lessons. Video converter from avi to swf, wmv, flv and from swf to exe. Distance teaching in videoconferencing mode via Internet, LAN and / or Wireless: the teacher can stream the lessons in real time to allow the absentees not to miss the lesson and participate actively in the collaborative sessions.

#### DRAWING INSTRUMENTS

- DRAWING FREEHAND: pencil, standard pen, brush, bamboo pen, highlighter, pen texture, smart pen (for shape recognition) and magic pen (for instrument recognition)
- GEOMETRIC DRAWING: Goniometer, Compass, Ruler, Squares, measurement of sides and angles in different units of measurement. Geometric shapes in 2D and 3D.
- HANDLING OF OBJECTS transparency, proportions, rotation, dimensions, position, reflection, flips, hypertext links, etc ...



#### AUTOMATIC RECOGNITION

Recognition of manual writing and conversion to editable text. Automatic recognition of geometric shapes. Editor Formulas for writing and inserting mathematical symbols Function text-to-speech (speech synthesis) in English (and any language installed on the operating system) for the conversion of written text into speech and the use also by the dyslexic students

#### MORE FUNCTIONALITY

Control of all the functions of the PC, notebook and applications with the ability to create and import annotations, highlight and enlarge parts of the screen, insert text using the on-screen keyboard, save and print what has been written on the blackboard, etc. Division into two demarcated areas of the active surface of the IWB (eg teacher-student or student-student) with the possibility of simultaneously using different functions (eg double interrogation). Personalized user interface: each teacher can, using a password, customize the graphic interface of the software according to his needs

#### COMPATIBILITY, UPDATE

Compatible with the most common operating systems. Automatic software update to new releases available.

## Software author SmartMedia IWB

### Main interactive contents divided by subject

#### MATHEMATICS - PIANA GEOMETRY

Point, Segment, Single arrow, Double arrow, Segment with point, Angle with measurement, Arc, Circle, Star, Ellipse, Triangle, Triangle with angle measurement, Rectangle, Quadrilateral, Parallelogram, Rhombus, Trapezoid, Pentagon, Equilateral triangle, Square, Pentagon, Hexagon, Heptagon, Octagon, Sector, Polygon with number of sides of choice

#### MATHEMATICS - SOLID GEOMETRY

Sphere, Cone, Cylinder, Cone trunk, Parallelepiped, Angle dihedral, Prism, Cube, Plan, Tetrahedron, Octahedron, Prism trunk, Triangular prism, Dihedral, Semi sphere

#### CHEMISTRY - LABORATORY INSTRUMENTS

Cup, Test Tube, Neck, Scale, Weight, Alcohol Lamp, Flame, Graduated Cylinder (measuring cup), Iron Stand (1), Iron Stand (2), Spherical Separating Funnel, Kipp Apparatus, Benzene Structure, Button, Atomic structure diagram, Two-lane bridge, Ampule, Distillation ampoule, Sink, Gas collection bottle, Gas bottle with cap, Gas bottle with cup, Cup with liquid, Flask, Volumetric ampoule, Reagent bottle, Tube of Drainage, Thermometer, Tripod, Test tube clip, Burette clip, Forceps, Spoon (1), Spoon (2), Wooden top, Wooden block, Stopper, Glass stopper, Glass rod, Glass tube (1), Glass tube (2), Arbitrary glass tube, Rubber hose, U-tube, Condenser, Variable condenser, Electrolytic capacitor, Diode, Plastic dropper head, Drying pipe, Etching burette, Burette alkaline product, funnel, long neck funnel, separating funnel, Article Solid, Bubble, Drop, Drying Tube, Retort, Condensation Tube, Conduit, Acid Burette, Alkaline Burette, Alcohol Burner, Plug, Combination Spoon, Glass Stirrer, Asbestos-Based, Tweezers, Test Tube Clamp, Bonding,

#### MATHEMATICS - CARTESIAN PLANS, COORDINATES, TRIGONOMETRIC FUNCTIONS, EQUATIONS

Explicit function coordinates, Polar coordinates equation, Parametric equation coordinates, drawing tool for all functions including domain customization, scale value and Cartesian plane grid display, function of overlaying different functions

#### MATHEMATICS - EDITOR FORMULAS

Tool for writing and inserting mathematical symbols.



Atom Structure, Periodic Table interactive, Capstone head, Curved catheter, Catheter cap, Gas experiment device, Test tube with liquid, Sink with gas collection bottle, Sink with test tube, CO reduction of copper oxide and iron oxide, NAHCO<sub>3</sub> heater, Distinguish Na<sub>2</sub>CO<sub>3</sub> from NAHCO<sub>3</sub>, Drainage hydrogen collection, CUO reduction through hydrogen, Laboratory oil distillation, Lithium carbonate test, Hydrogen collection through exhausting downward air, Production of acetic acid and ethyl ester, Carbon dioxide production, Chlorine production, Production of oxygen.



#### PHYSICS, ELECTRONICS, OPTICS - PHYSICS LABORATORY

Triangle inclined plane, Ball, Lever, Gauge, View distance, Pulley, Weight hook, Arc skateboard, Floor, Inclined plane, Conveyor belt, Wagon, Block, Stick, Ruler, Scale viewer, Force diagram, Spring, Balance, Block 2 Pulleys, Block 3 Pulleys, Circular Groove, Cavity, Propeller, Gauge, Cylinder, Magnetic Bar, U-Magnet, Plan, Slope, Circular Slope, Trolley, Conveyor Belt, Resolution Force, Spring, Hook, Pulley, Vernier Clamp, Hook Weight, Stand, Weight 1, Bulb, Switch, Magnetic needle, Magnetic bar, Electroscope, Positive charge, Negative charge, U-tube, Movable block, Weight 1, Ground chain, Ground chain bar, Simple pendulum, Pinwheel.

#### PHYSICS, ELECTRONICS, OPTICS - LABORATORY OF ELECTROTECNICA

Switch (1), Switch (2), Bulb, Ammeter, Voltmeter, Mobile rheostat, Guide wires, Magnetic needle, Battery, Battery in groups, Two-way switch, Knob, Lamp, Electric bell, DC motor, Motor AC, Amperemeter (chart), Voltmeter (chart), Micro-detector, Galvanometer, Personalized electric panel, Resistor, Mobile resistor, Box resistance, Mobile rheostat (diagram), Grounding, Capacity,

Speaker, Coil, Coil A, Core, Field Electric, Electric charge, Magnetic field (diagram), Electron / Positron, Stopwatch, Micrometric spiral scale, Micrometric spiral, Inductive loop, Trimmer resistance, Fuse, Triode (external and internal), Three-phase switch, Electric bell, Antenna, Amp, mA, uA, Volt, Motor, Connection line 1, Connection line 2, Connection line 3, Connection line 4, Connection line 5, Connection line 6, Connection line 7, Connection line 8, Connection line 9, Line d the connection 10

#### PHYSICS, ELECTRONICS, OPTICS - OPTICAL LABORATORY

Convex lens, Concave lens, Optical mount, Candle, Convex semi lent, Concave semi-concave, Concave lens legend, Convex lens legend, Flat mirror, Right angle mirror.



## Other Software included

### SmartMedia Pro (for 5 users)

With Smartmedia Pro, our **Educational Multimedia Network Software (Classroom management Software)**, you can easily transfer and share images and files with your participants, communicate with them verbally and through text messages, explain with the help of images and sounds, let the participant continue working monitor directly from the place, transmit a movie on the network, verify the configuration of connected devices, show the room a work done by a participant's device, monitor user screens, lock their keyboards and mice, administer questionnaires / tests and much more All this with just one click and without leaving your seat.

Compatibility:



in more than 17 languages::



### SmartMedia SmartSignage

The Smartmedia solution for digital signage (1 year free)

**Visual communication** is the most effective tool for the immediate comprehensibility and easy storing the transmitted information.

**Digital Signage is the form of proximity communication**, used in stores or in open public spaces, which allows you to relate to the customer by improving the engagement and the user experience, using images, texts, videos, through Monitor LCD, Video Wall, Kiosks.

#### Digital Signage is indicated for:

Shopping Centers and Large Exhibition Areas Ho.Re.Ca - Hotel, Restaurant, Café | Travel & Tourism | Banking & Finance | Real estate agencies | Hospitality | Health and private clinics Lotteries & Bets | Museums and municipal administrations | Game & Leisure.

#### Main characteristics

- Server-based Software easy to use
- Centralized management of Player and contents on different devices on an hourly basis, daily, monthly
- Flexibility in Scheduling options
- Versatile management and scheduling a program with text, video, graphic elements
- Content integration: from the main Social Networks (Facebook, Twitter, Instagram ...), from Google Calendar, Google Drive etc.
- Ability to update On-Air content without interruptions
- Real-time data entry for News, Weather, etc
- Ability to interact with content such as on a website



## Technical specifications

Modello	SMA9L65	SMA9L75	SMA9L86
Glass	Tempered, 4 mm thick, anti-reflective, 7 Mohs hardness		
16: 9 display		LCD con retroilluminazione LED	
Active area	65"	75"	86"
Viewing angle	178°/178°	178°/178°	178°/178°
Average duration	75000 ore	75000 ore	75000 ore
Dimensions (mm)	58.46 x 34.96 x 3.50 in	67.24 x 39.88 x 3.50 in	76.92 x 45.33 x 3.50 in
VESA size (mm)	500 x 400	600 x 400	800 x 400
Display size (mm)	56.23 x 31.63 in	64.97 x 36.54 in	74.60 x 41.96 in
Resolution	4K (3840 x 2160)	4K (3840 x 2160)	4K (3840 x 2160)
Contrast	5000:1	5000:1	5000:1
Brightness	500 cd/smq	500 cd/smq	500 cd/smq
Colors	1,07 billion	1,07 billion	1,07 billion
Touch technology	Infrared	Infrared	Infrared
Response time	3 ms	3 ms	3 ms
Pointing accuracy	< 1 mm	< 1 mm	< 1 mm
Integrated Android Player	Multi-language Android 9.0, A55 quad-core processor, 2GB RAM, 16GB memory (expandable)		
Wireless	Si		
Touch Points	20	20	20
USB Touch output	1 rear, 1 front		
USB input	2 rear, 3 front		
HDMI input	2 rear, 1 front		
VGA input	1	1	1
PC audio input	1	1	1
AV input	1	1	1
YPbPr input	1	1	1
LAN input	1	1	1
AV output	1	1	1
SPDIF output	1	1	1
Headphone output	1	1	1
RS-232C port	1	1	1
TF and microSD card reader	Si	Si	Si
Integrated speakers	20W x 2	20W x 2	20W x 2
Accessories supplied	Power cable, 2 magnetic pens, remote control, HDMI cable, USB cable for touch, wall bracket		
Weight	42 kg	54 kg	74 kg
Optional integrated PC OPS, standard version (* Customizable)	Intel Core i5 / i7 processor with 4 GB RAM, 128 GB SSD, WiFi, LAN, 2x USB 3.0, 4 x USB 2.0, HDMI out, VGA out, out headphones, microphone input, Windows 10 Pro. <i>Up on request, it is possible to receive quotes for the personalization of the OPS PC: for ram expansion, ssd, processor generation, additional ports and more.</i>		
Features included	Up on request, it is possible to receive quotes for the personalization of the PC OPS: for ram expansion, ssd, processor generation, additional ports and more Environmental sensor for automatic brightness adjustment, WiFi hotspot, Bluetooth		
Apps included	Audio / Video Player - WPS Office player for access to Microsoft resources - App for creating notes with notes and drawings - Browser app for web browsing - WhiteBoard app for writing, annotating, drawing on any content - Store to download and install additional apps		

The images of the product are purely indicative and are subject to change at any time without notice

## Assembly Options

Wall bracket for monitor (included).

Trolley for Monitor from 42 "to 75" (TR-UN)  
Built in iron, adjustable in height during installation, with a large support surface and 4 self-locking wheels. Optional.



Trolley for tables and interactive monitors from 42 "to 100" electrified. Adjustable in height and inclination up to 180 ° to transform into an interactive table via remote control (TR-TTI). Optional.

## Optional accessories

SmartMedia Touch Screen Stylus Pen (SM-P10)



Direct access to the Author software even from a distance.

6 function keys available that allow direct access to the author software, can directly activate up to 8 functions, for freer and more effective presentations and exhibitions

### Optional PC-BOX

Compact PC (OPS) to be installed on the back of the monitor in a special slot. It allows the monitor to have dual operating systems: Android and Windows 10 PRO in parallel, at your choice.

