

## SMA 8 Series Interactive Monitors

4K touch screen display, 55", 65", 75", 86"



**SMA 8 Series**  
Android 8 Integrated, Multilingual  
[Optional integrated PC OPS]

**Dual Band WiFi**  
**Integrated LAN**  
**Bluetooth**  
**5 USB touch ports**  
**USB inputs, also type C**

**Available features:**  
Ambient Light Sensor  
Miracast  
WiFi hotspots

Automatic palm recognition  
for eraser function  
Differentiated touch: pen (writing),  
finger (mouse) and palm (eraser)

## Excellent experience

### SmartMedia SMA 8 series

The SMA 8 Series touch monitors are modern and technological systems that allow a perfect vision, for interactive presentations, easy to use.

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

Modern design with black frame, rounded corners, anti-glare glass, USB input ports, also type C.

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

### APPLICATIONS

The SMA 8 Series multi-touch monitors are a powerful and versatile tool for viewing at 4K resolution at maximum power.

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

Also ideal for Digital Signage and Videoconferencing applications.

**5 ports located on the front of the monitor (3 USB 3.0 ports - for Android and integrated PC, 1 HDMI input, 1 touch port) Additional USB and HDMI ports available on the back. 1 USB port type C.**

### MAIN FEATURES:

- Infrared technology
- Uninterrupted natural writing technology
- Android 8.0 Multilingual integrated with **Dual Band WiFi**
- Environmental sensor for automatic brightness adjustment
- **Miracast, WiFi hotspot**
- **MicroSD card reader** for memory extension
- Designed to allow maintenance of infrared modules on site
- Software supplied: SmartTouch for multimedia content management, SmartMedia IWB complete with video conferencing plug-in, SmartMedia Pro for device management in the room, SmartSignage for Digital Signage applications
- Optional integrated PC OPS, available with i3, i5 or i7 processor

## 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:

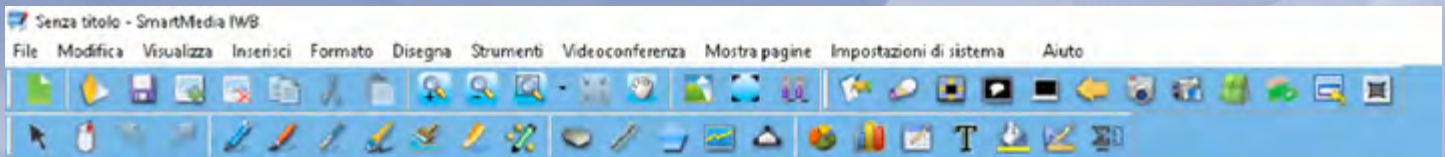
Lets you visualize the selected file and zoom in or out on all or part of the document, annotate directly over the screen, and capture and email your annotations.



## 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 involving 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

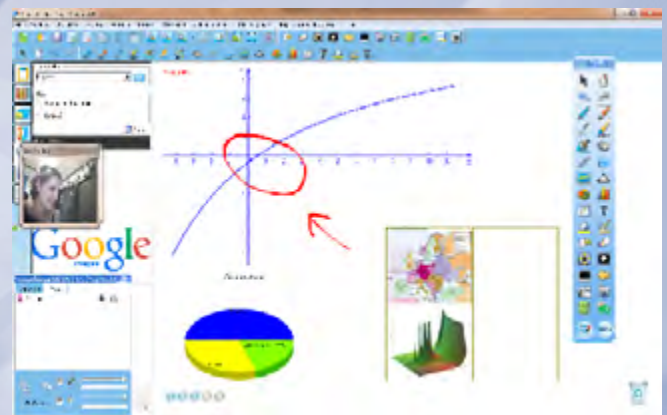
Curtain, reflector, highlight, black screen, magnifying glass, built-in window, timer / clock, multimedia player, screen shot, image capture, etc ...

#### 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, Trapezium, 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

#### 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.



#### 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,

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,  $\text{NaHCO}_3$  heater, Distinguish  $\text{Na}_2\text{CO}_3$  from  $\text{NaHCO}_3$ , Drainage hydrogen collection,  $\text{CuO}$  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,  $\mu\text{A}$ , 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.



in more than 17 languages::



Compatibility:    

### 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

Model	SMA-855	SMA-865	SMA 875	SMA-886
Display	LCD with LED backlight			
Diagonal	55"	65 "	75 "	86 "
Viewing angle	178 ° / 178 °	178 ° / 178 °	178 ° / 178 °	178 ° / 178 °
Average duration	75000 hours	75000 hours	75000 hours	75000 hours
Dimensions (mm)	1258,5 x 770,85 x 88	1515,5 x 945,5 x 96	1743,8 x 1069 x 106,7	1990,6 x 1213,3 x 114
VESA dimensions (mm)	400 x 400	600x400	600x400	600x400
Display size (mm)	1209.6 x 680.4	1428.48 x 803.52	1650.24 x 928.26	1895.04 x 1065.96
Resolution	4K (3840 x 2160)	4K (3840 x 2160)	4K (3840 x 2160)	4K (3840 x 2160)
Contrast	5000:1	5000:1	5000:1	5000:1
Brightness	500 cd / m2	500 cd / m2	500 cd / m2	500 cd / m2
Touch technology	Infrared	Infrared	Infrared	Infrared
Response time	3 ms	3 ms	3 ms	3 ms
Cursor speed	300 points / s	300 points / s	300 points / s	300 points / s
Touch resolution	32768 x 32768	32768 x 32768	32768 x 32768	32768 x 32768
Integrated Android player	Android 8.0 multilingual, dual A73 + A53 processor, 4GB RAM, 32GB memory (expandable)			
Wireless	WiFi 802.11 a/b/g/n/ac - Dual Band (2.4 e 5ghz)			
Touch points	40	40	40	40
USB Touch output	4 x type B rear, 1 x type B front			
USB input	1 x USB 3.0 rear, 3 x USB 3.0 front (for Android and integrated PC)			
USB Type-C input	1 x USB 3.0	1 x USB 3.0	1 x USB 3.0	1 x USB 3.0
HDMI input	1 front + 2 rear	1 front + 2 rear	1 front + 2 rear	1 front + 2 rear
VGA input	1	1	1	1
PC audio input	1	1	1	1
DP input	1	1	1	1
AV input	1	1	1	1
Input YPbPr / YCbCr	1	1	1	1
LAN input	1	1	1	1
MIC in	1	1	1	1
HDMI output	1	1	1	1
AV output	1	1	1	1
SPDIF output	1	1	1	1
Headphone output	1	1	1	1
LAN output	1	1	1	1
RS-232C port	1	1	1	1
TF and microSD card reader	Yes	Yes	Yes	Yes
Integrated speakers	20W x 2	20W x 2	20W x 2	20W x 2
Color frames	Black	Black	Black	Black
Accessories supplied	Power cable, 2 pens, remote control, HDMI cable, USB cable for touch			
Weight	35 kg	55 kg	62 kg	93 kg
Optional integrated PC OPS	Intel Core i3 / i5 / i7 processor with 4 GB RAM, 128 GB SSD, WiFi, LAN, 2x USB 3.0, 4 x USB 2.0, HDMI output, VGA output, headphone output, microphone input, Windows 10 Pro			
Additional features	Ambient sensor for automatic brightness adjustment, Miracast, WiFi hotspot, Bluetooth			

\* The images of the product are purely indicative, they are subject to change without notice

## Assembly Options

Wall bracket for 42" to 86" Monitors  
 Trolley for interactive monitors (TR-DIM)  
 Also available in wall-mounted version (SP-DIM)  
 Height adjustable (45 cm/17,7") with electric motor and remote control



Electrified Trolley for tables and interactive monitors from 42" to 86"  
 Adjustable in height and inclination up to 180 ° to transform into an interactive table by remote control (TR-TTI)



## 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 integrated PC OPS  
 A compact OPS PC that can be installed in a slot located on the back of the monitor. Allows the monitor to have dual boot operating systems: Android and Windows 10 PRO

