

SMA 13 X-Series Interactive Monitor

65", 75", 86" 4K touch screen - camera & microphone



Video camera and 8 microphones integrated into the frame

Android 13
4K, 40 touches
8GB RAM, SSD 128 GB

PM 2.5 Air quality sensor
Zero GAP technology
NFC cards for authorized access

Excellent contrast and brightness for excellent image definition

Ambient sensor for automatic brightness adjustment

Miracast, Wifi6,
Hotspot WiFi, Bluetooth

SMA 13 X Series - Touch Screen Monitor for Classrooms and Meeting Rooms

Digital Board 65", 75", 86" Educational and Professional

Dispositivo multi-utente e multi-tocco per Multi-user and multi-touch device for classrooms, professional training, meeting rooms, multimedia presentations.

A basic element in the Education sector to enhance laboratory teaching in innovative learning environments that develop, together with digital knowledge, experimentation also in multidisciplinary activities.

PM 2.5 atmospheric particulate sensor for air quality control.

The value is displayed on the home page. The color of the value will change from green to red if the air quality is poor.

Zero GAP technology for sharper images and fluid writing system without delays.

NFC cards to allow access only to authorized users.

SMA Serie 13 X Monitor: Enhanced Android System with Integrated Video Camera

Innovative multi-touch monitors on Android 13 system, capable of mixing lessons with people in attendance and remotely.

Anti-glare glass and entrance doors with metal covers located both on the front of the monitor for ease of use, and on the back.

Hybrid meetings with excellent audio video

Actively participate in the meeting wherever you are, collaborate remotely by sharing documents and screen, edit documents in real time on the touch screen and involve colleagues in the room thanks to the video camera integrated into the upper frame of the monitor and the array of 8 very powerful microphones capable of receiving sound up to 10 meters away.

Also ideal for video conferences.

Main Features

SMA13X65, SMA13X75, SMA13X86

- Android 13, 8GB RAM, 128 GB SSD
- Camera and 8 microphones integrated into the frame
- Ambient sensor for automatic brightness adjustment, PM 2.5 sensor
- Zero GAP technology for smooth writing and excellent images
- Miracast, WiFi Hotspot
- NFC card reader
- Designed to allow maintenance of infrared modules on site
- Optional integrated OPS PC, available with i5 or i7 processor, customizable config.
- **Supplied software:** SmartTouch for multimedia content management, SmartMedia IWB complete with videoconferencing plug-in, SmartMedia Pro for room device management, SmartSignage for Digital Signage applications

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:

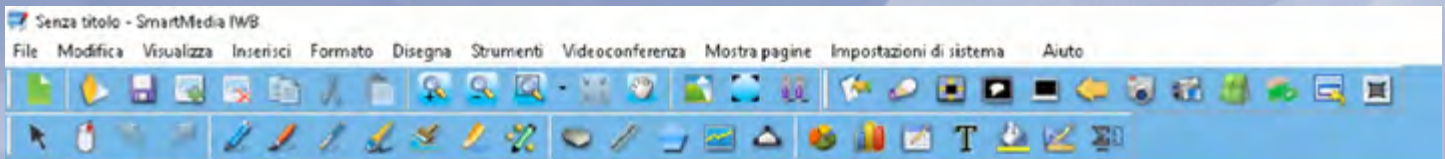
Lets you visualize the selected file and zoom in or out on all or part of the document, annotate directly over the screen, and capture and email your annotations.



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

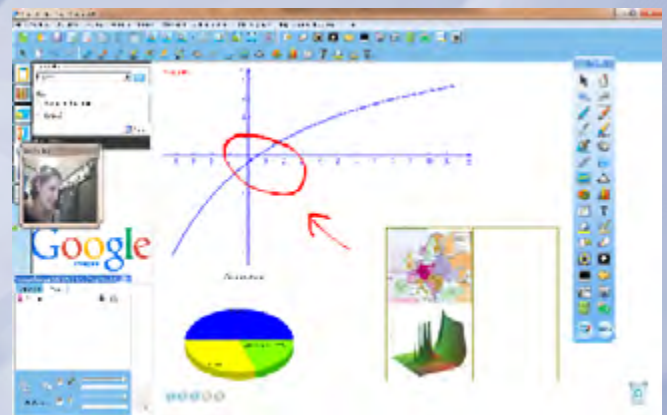
Curtain, reflector, highlight, black screen, magnifying glass, built-in window, timer / clock, multimedia player, screen shot, image capture, etc ...

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, NaHCO_3 heater, Distinguish Na_2CO_3 from NaHCO_3 , 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, μA , 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	SMA13X65	SMA13X75	SMA13X86
Glass	Tempered, 4mm thick, anti-reflective, 7 Mohs hardness, Zero GAP technology		
16:9 display	IPS TFT LCD with LED backlight		
Active area	65"	75"	86"
Viewing angle	178°/178°	178°/178°	178°/178°
Average duration	75000 hours	75000 hours	75000 hours
Dimensions (mm)	1490.6 x 904.8 x 88.95	1712.9 x 1030.9 x 89.15	1958.9 x 1169.75 x 89.15
VESA Dimensions (mm)	500 x 400	600 x 400	800 x 400
Display size (mm)	1428.48 x 803.52	1649.74 x 927.94	1895.04 x 1065.96
Resolution	4K (3840 x 2160) / 60Hz	4K (3840 x 2160) / 60Hz	4K (3840 x 2160) / 60Hz
Contrast	6000:1	6000:1	6000:1
Brightness	550 cd/m2	550 cd/m2	550 cd/m2
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
Built-in Android player	Multi-language Android 13, Quad-core Cortex-A76 + Quad-core Cortex-A55 CPU, ARM Mali-G610 MP4 GPU		
Wireless	Wireless Built-in 802.11 a/b/g/n/ac/ax, Wifi 6 - 2.4+5ghz wifi hotspot - Bluetooth 5.2		
Touch Points	40	40	40
USB Touch Output	1 x Type B 2.0 front, 1 x Type B 3.0 rear		
USB input	2 x Rear USB 3.0, 1 x Rear USB 2.0, 3 x Front USB 3.0 (for Android and PC built-in), 1 x Front USB Type-C, 1 x Rear USB Type-C		
HDMI input	1 front + 3 rear 2.0	1 front + 3 rear 2.0	1 front + 3 rear 2.0
VGA input	1	1	1
PC audio input	1	1	1
DP Input	1	1	1
AV input	1	1	1
YPbPr/YCbCr input	1	1	1
LAN input	1	1	1
Microphone input	1	1	1
HDMI output	1	1	1
AV Output	1	1	1
SPDIF output	1	1	1
Headphone output	1	1	1
LAN output	1	1	1
RS-232 port	1	1	1
microSD card reader	Yes	Yes	Yes
NFC card reader	Yes	Yes	Yes
Integrated speakers	Tweeter:2*20W + Woofer:1*20W		
Integrated camera	FULL HD 1080P - 8MP - 30fps		
Accessories supplied	Power cable 3mt, 2 pens, 4 wifi antennas, HDMI cable 3mt, USB cable ab 3.0 3mt, 2 NFC cards		
Weight	42 kg	54 kg	69 kg
Optional integrated PC OPS	Intel Core i5/i7 processor with 4/8/16 GB RAM, 128/256/512 GB SSD, WiFi, LAN, 2x USB 3.0, 4 x USB 2.0, HDMI output, VGA output, headphone output, microphone input, Windows 10 Pro		
Features included	Sensors: ambient for automatic brightness adjustment, particulate matter for measuring air quality, Miracast sensor. WiFi hotspot, Bluetooth		
Apps included:	Audio/Video Player - WPS Office Player for access to Microsoft resources - Mirroring app for sharing/duplicating content from device (iOS/Android/Windows) on monitor - App for creating notes with notes and drawings - WebBrowser app for web browsing - WhiteBoard App for writing, annotating, drawing on any content		

* Product images are purely indicative and may be subject to change at any time without notice.

Mounting Options

Wall mount for 42" to 86" monitors.

Trolley for 42" to 86" Monitors (TR-UN)
Made of iron, adjustable in height during installation, with large support surface and 4 selflocking wheels.



Trolley for interactive tables and monitors

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



Optional accessories

SmartMedia Touch Screen Stylus Pen (SM-P10)

Direct access to the Author software even from a distance. 6 available function keys that allow direct access to the author software, can directly activate up to 8 functions, for freer and more effective presentations and displays..



Optional PC-BOX

Compact PC (OPS) to be installed on the back of the Monitor in a special Slot. Allows the monitor to have a dual operating system: Android and Windows 10 PRO in parallel, at your choice.

