Touch screen Monitors SMA 11 X Series
65", 75", 86" 4K touch screen - camera and microphone

SmartMedia

video camera and 8 microphones integrated into the frame

**40 touches
4K resolution
Android 11 Multilingual**

Excellent contrast and brightness for excellent image definition

Environmental sensor for automatic brightness adjustment

Miracast, WiFi Hotspot, Bluetooth

SMA 11 X Series - Touch screen monitors for classrooms and meeting rooms

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

Multi-user, multi-touch device for classrooms, professional training sessions, meeting rooms, multimedia presentations, design studios.

View and present digital documents from multiple devices, including your smartphone.

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.

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

Also ideal for video conferences.

SMA 11 X Series Monitors: Enhanced Android system with integrated camera

Innovative multi-touch monitors on Android 11 system, capable of mixing lessons with people in person and remotely.
Anti-glare glass and USB input ports located both on the front of the monitor for ease of use and on the back.

Hybrid meetings with excellent audio and 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 in the upper frame of the monitor and the array of 8 very powerful microphones capable of receiving sound up to 10 meters away.

Main features
SMA11X65, SMA11X75, SMA11X86

- Built-in Android 11 Multilingual (Upgradeable to Android 13)
- Camera and 8 microphones integrated into the frame
- Environmental sensor for automatic brightness adjustment
- Seamless natural writing technology
- Miracast, WiFi Hotspot
- MicroSD card reader
- Designed to allow maintenance of infrared modules on site
- Optional integrated PC OPS, available with i5 or i7 processor, customizable configuration.

- **Software supplied:** SmartTouch for multimedia content management, SmartMedia IWB complete with videoconferencing plug-in, SmartMedia Pro for managing devices in the room, SmartSignage for Digital Signage applications

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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.
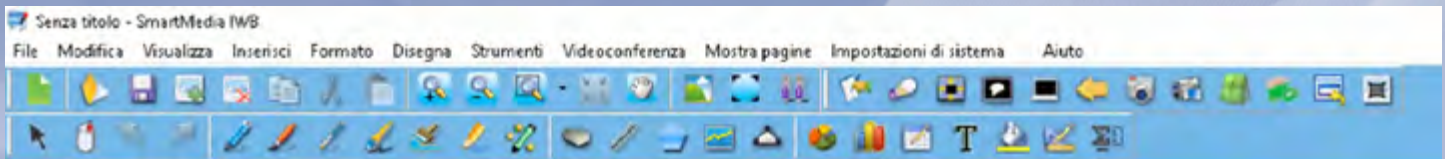
Compatibility

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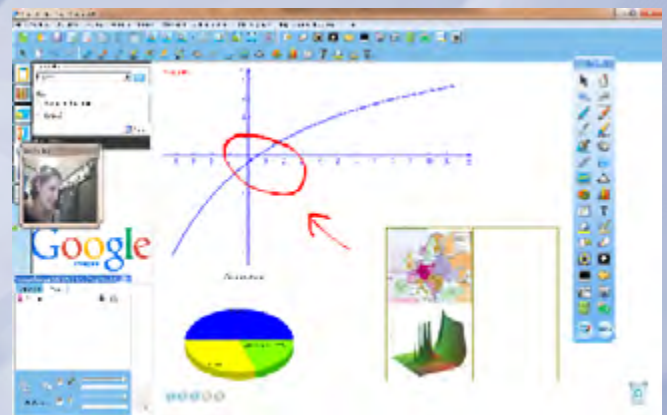
PRESENTATION TOOLS
Curtain, reflector, highlight, black screen, magnifying glass, built-in window, timer / clock, multimedia player, screen shot, image capture, etc ...

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.

SmartMedia

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, Trapezius, 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, NAHCO3 heater, Distinguish NA2CO3 from NAHCO3, 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.

SmartMedia

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

SmartMedia

Models	SMA11X65	SMA11X75	SMA11X86
Glass	Tempered, 4mm thick, anti-reflective, 7 Mohs hardness		
Display 16:9	IPS TFT LCD with LED backlight		
Active area	65"	75"	86"
Viewing angle	178°/178°	178°/178°	178°/178°
Average duration	75000 ore	75000 ore	75000 ore
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/mq	550 cd/mq	550 cd/mq
Colors	1,07 Billion	1,07 Billion	1,07 Billion
Touchscreen technology	Infrared	nfrared	nfrared
Response time	3 ms	3 ms	3 ms
Pointing accuracy	< 1 mm	< 1 mm	< 1 mm
Built-in Android player	Android 11.0 Multilingual CPU A55x4 - 1.9Ghz GPU Mali G52MP2 DDR4 4GB + EMCC 32GB (expandable). Can be upgraded to Android 13.		
Wireless	Wireless Built-in 802.11 a/b/g/n/ac/ax Wifi 6 - hotspot 2.4/5GHz - Bluetooth 5.0		
Touch Points	40	40	40
Uscita USB Touch	1 x Front B-type, 1 x Rear B-type		
Ingresso USB	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 + 2 rear	1 front + 2 rear	1 front + 2 rear
VGA input	1	1	1
PC audio input	1	1	1
DP Input	1	1	1
Entrance OFF	1	1	1
Ingresso YPbPr/YCbCr	1	1	1
Ingresso LAN	1	1	1
MIC in	1	1	1
HDMI output	1	1	1
Uscita OFF	1	1	1
SPDIF output	1	1	1
Headphone output	1	1	1
LAN output	1	1	1
Porta RS-232C	1	1	1
TF and microSD card reader	Si	Si	Si
Integrated speakers	20W x 2	20W x 2	20W x 2
Integrated camera	FULL HD 1080P - 8MP - 30fps		
Accessories supplied	Power cord, 2 pens, remote control, HDMI cable, USB cable for touch		
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		
Additional features	Ambient sensor for automatic brightness adjustment, Miracast, 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.

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