



P SERIES

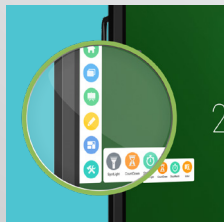
INTERACTIVE FLAT PANELS

Available in 65", 75" and 86", 4K UHD, up to 20 simultaneous finger inputs

HIFP+65UIR20AAG-ST | HIFP+75UIR20AAG-ST | HIFP+86UIR20AAG-ST



Slot for built-in PC (no OPS standard; PC not included)



Built-in ARM Cortex A53 Dual Core CPU with Android 5.1



4K Ultra HD resolution



20 simultaneous inputs of the fingers or of any solid object



Built-in 2x 16W audio speakers & ultra-thin design

65"

75"

86"

4K

HDMI 2.0

16Wx2

20 TOUCH

Android 5.1

Available in three sizes, 65" 75" and 86", all with a 16:9 ratio
LED backlight technology
Antiglare tempered glass with a 4mm thickness Mohs 7

Ultra HD 4K resolution
3840x2160px
brightness 330cd/m²

1x HDMI Out
1x HDMI 2.0 In
2x HDMI 1.4 In
4x USB 2.0
2x USB 3.0

Built-in stereo speakers, 16W x2 with an overall output power of 32W

20 simultaneous inputs of the fingers (even with gloves) or any solid object

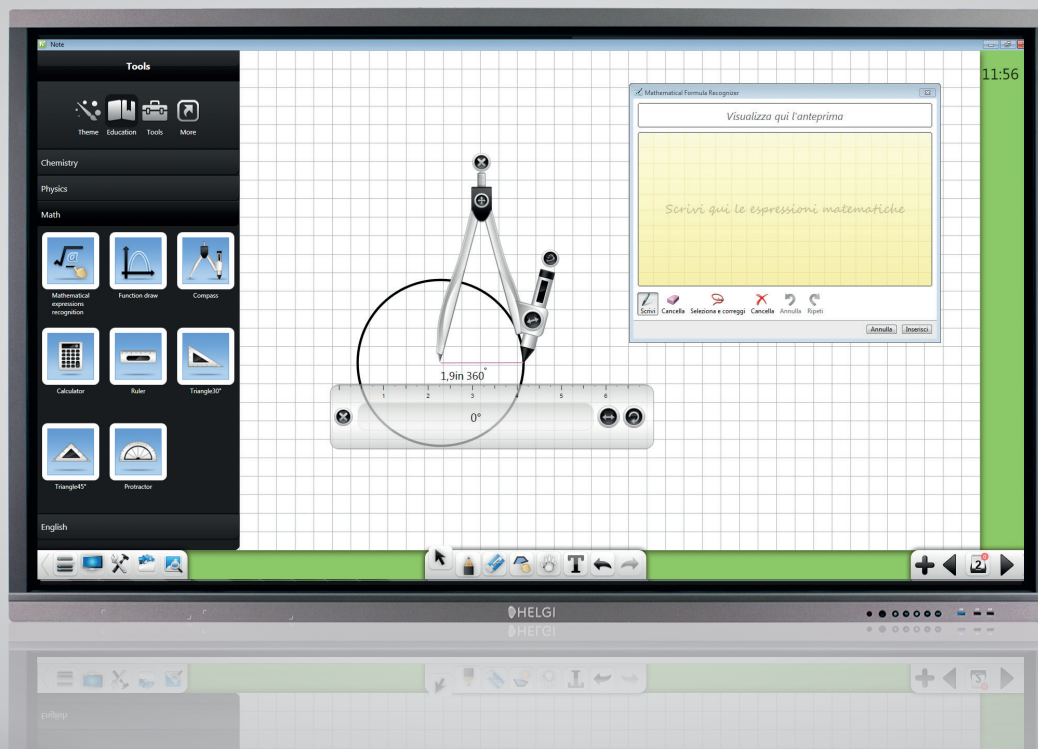
Dual Core built-in processor, 2Gb RAM, 16Gb HD and Android 5.1

Wide library of tools
and widgets

Unlimited workspace with a lot
of customization options

Subject-based tools

Annotation
tools to
work over
any desktop
application



Clear and
user-friendly
interface

NOTE

LESSON AND PRESENTATION SOFTWARE



Clear, user-friendly interface

Multimedia file import

Image (.bmp, .jpg, .png, .ico, .cur, .gif)
Video (.wmv, .avi, .mp4, .rmvb, .rm, .mov, .f4v, .asf, .mpg, .3pg, .mkv,
.mpeg, .ts, .vob)

Audio (.wav, .wma, .mp3, .mid)

Flash (.swf)

PDF (.pdf)

Text (.txt)

PowerPoint (.ppt, .pptx)

Note (.enb)

Export

Image (.png)

Word (.docx)

PowerPoint (.pptx)

PDF (.pdf)

Text-to-speech

Auto save

Auto update

PowerPoint presentation tool

Three different workspaces

Presentation

Creation

Screen annotation

Page themes

Subject-based tools

Chemistry (Atomic Structure, Periodic Table of Elements, Beaker, Erlenmeyer Fiascafe, Gas Bottle, Bacinella, Test Tubes, U-tube, Fiasca, Distillation Fiasca, Acid Burette, Burette, Funnel, Ball Hopper, Tripod, ,

Drying Tube, Condensing Tube, Rubber Hose, Horn Tubing, Glass Tube, Catheter, Alcohol Lamp, Thermometer, Tube Base, Becker Base, Gas Generator, Separator Funnel, Libra

Physics (Ammeter, Bulb, Power Supply, Switch, Voltter, Rheostat, Physical

Mathematics (Recognition of Mathematical Formulas, Function Chart, Compass, Calculator, Ruler, Team 30 °, Team 45 °, Goniometer)

Generic tools

Integrated Browser, Annotation Board, Clock, Calendar, Magnifying Glass, Trend, Reflector, Stopwatch, Webcam Connection, Document Camera etc. With Live Annotation, Screen Cutout, Conceptual Map

Drawing tools

Pencil, Flat Tip Brush, Highlighter, Fine Tip Brush, Laser Pointer, Stamps, Texture, Smart Rubber, Geometric Forms Recognition, 2D Geometric Shapes, 3D Geometric Shapes, polygonal drawing

Workspace

Unlimited workspace area

Subject-based presets

(Math, Writing, Physics, Chemistry, Annotation)

Customizable Resource Bank

Page arrangement in folders and sub-folders

Hyperlinks

File

Web pages

Text annotations

Lesson pages

Audio files

Note software tools

Supported operating systems

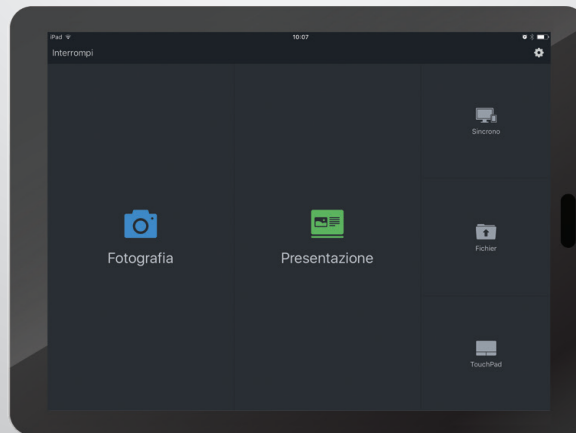
Windows 7, 8, 8.1, 10



Connection via QR code

Share images real-time from the device to the monitor

Share and control PowerPoint and Note presentations from the device



Mirroring from the monitor to the tablet and from the tablet to the monitor

Share files from the device to the monitor

Use the device as a touchpad to remotely control the monitor

CONNECT MIRRORING AND SHARING



Supported operating systems

Monitor: Windows 7, 8, 8.1, 10
Device: iOS and Android

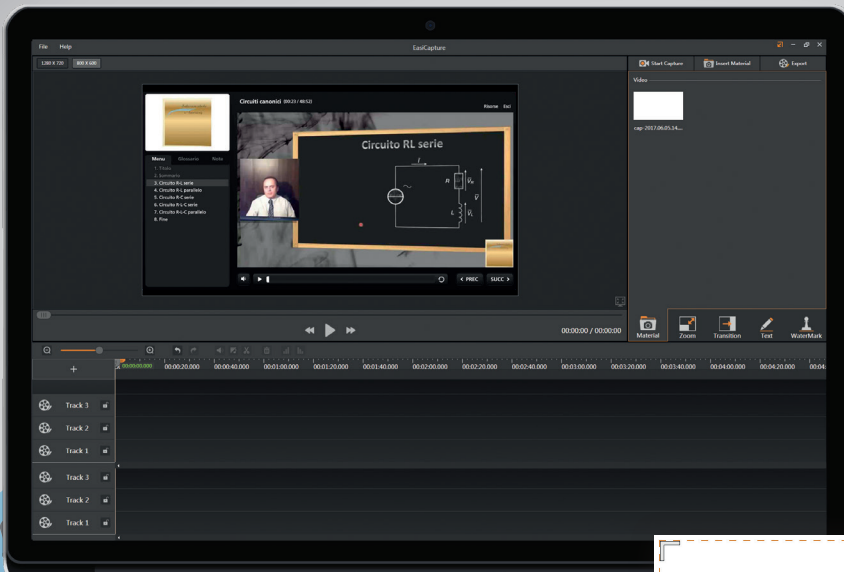
Mobile application download

From App Store and Google Play with direct link via QR code
Connection to the monitor

Via WiFi (the PC monitor and the devices need to be connected to the same WiFi network) and QR code scan
Password-protected access (optional)
PC as WiFi hotspot feature (optional)
Automatic saving of the connections for quick access

Features

Photo: shoot a photo, scan a document and send to the monitor
Presentation: control the PowerPoint / Note presentations from the device
Monitor to device mirroring: show on the device the monitor content and get remote control over it. Available tools: keyboard, colored pen for real time annotation
Device to monitor mirroring: show the device content on the monitor.
Upload: send one or more images from the device photo library to the monitor. Available tools: spotlight, zoom, colored pen for real time annotation, image rotation, image browser
TouchPad: use the device as a notebook trackpad to gain remote control of the monitor, with touch and left/right button inputs



Audio and video editing software with multi-track timeline, cut and moving clip feature, local multimedia library access, text insertion, watermark, zoom and transitions



Audio and video recording software from external peripherals (such as webcam or document camera) or straight from the desktop, with capture area customization and audio source selection (microphone or system audio)

CAPTURE

VIDEO LESSONS RECORDING & EDITING



EasiCapture is a complete software for audio-video recording and editing of lessons, video tutorials, podcasts and videocasts. EasiCapture is an extremely powerful, flexible and easy-to-use solution designed for teachers who want to work innovatively - for example with a "flipped classroom" approach - and for the whole class when it's time to make videos and Movies of any kind.

Video capture

- Screen capture
- External source capture (webcam, document camera etc.)
- Full screen capture
- Screen slice capture

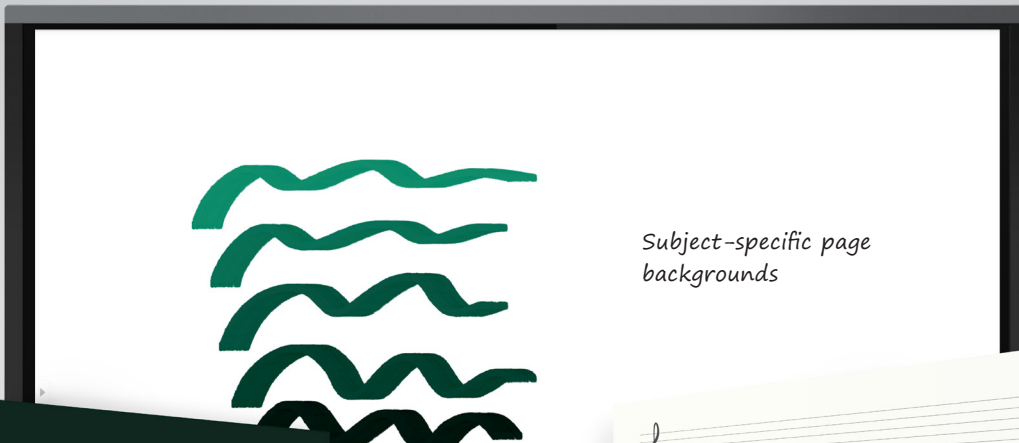
Synchronous audio capture

- Microphone audio source
- External audio source
- System audio recording

Video editing

- Unlimited tracks
- Clip cutting
- Audio track separation
- Video library
- Zoom and transitions
- Text insertion
- Watermark
- External file import (images, audio etc.)
- .mp4 file export

Writing and drawing tools palette, with innovative touch-based color mixer

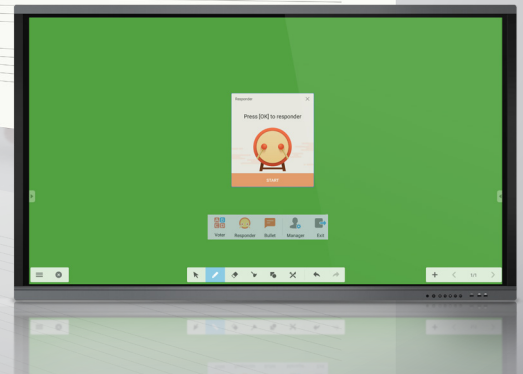


Subject-specific page backgrounds



Cloud sharing of files with direct connection to Google Drive and OneDrive

Free App (iOS and Android) for testing and assessment the students straight on their devices



NOTE

BUILT-IN ANDROID LESSON AND PRESENTATION SOFTWARE

Clean, user-friendly interface

The Android sidebar is always accessible, even while working on Windows. Available tools: Quick note, Screen annotation with colored pen, Screen capture, Spotlight, Countdown, Timer

Standard drawing tools

Pen, brush, eraser, page cleaner, geometric shapes

Artistic drawing tools

Pen, pencil, flat brush, fine brush, fountain pen, eraser
Dynamic color mixer with touch support
Color picker

File export

Image (.jpg)
PDF (.pdf)
Standard Vector Graphics (.svg)
BECTA CFF (.iwb)
Cloud sharing of lessons on cloud storage (Google Drive and OneDrive)

Workspace

Unlimited number of pages with page browser
Page background setting (color or image)

Access to system files or USB:

Documents (.ppt, .pptx, .doc, .docx, .xls, .xlsx, .pdf)

Note lessons

Images (.jpg, .jpeg, .png, .bmp, .gif)

Media (.avi, .asf, .wmv, .m2t, .mp4, .vob, .mkv, .divx, .xvid, .mov, .ssif, .mpeg, .mpe, and .m3u)

File search feature

Video capture

Direct connection to webcam, visualizer, document camera etc. with annotation on the captured images

Air Class

Up to 30 students can get involved in test and assessment activities (multiple or single answer) with the free App downloadable from AppStore (iOS devices) and GooglePlay (Android devices)

Quick access via QR code scan

Multiple or single answer testing

Tracking system to check the students who gave their answer

The results are displayed at the end of the assessment as a chart

Text messages can be sent from the students' devices to the monitor

TECHNICAL SPECIFICATIONS

	TDP65	TDP75	TDP86
Code	HIFP+65UIR20AAG-ST	HIFP+75UIR20AAG-ST	HIFP+86UIR20AAG-ST
Software included	ScreenShare (Android), Note (Windows + Android), Connect, Capture (Windows)		
Panel backlight	Direct type LED		
Panel quality	A grade Panel (there are 3 level A grade Panel in the market, TouchDisplay+ series displays only use the best 25%)		
Screen size	143 x 80 cm	165 x 92,8 cm	189,5 x 106,5 cm
Screen diagonal	65"	75"	86"
Ratio	16:9		
Resolution	UltraHD 4K		
Color depth	1.07 billions of colors (10bit)		
Brightness	350 cd/m ² (Typ) / 300 cd/m ² (Min)	330 cd/m ² (Typ) / 300 cd/m ² (Min)	
Contrast ratio	1.200:1		
Visual angle	178°		
Average life	30.000 hours		
Frequency	60Hz		
Response time	8 ms		
I/O	1x HDMI Out, 4x USB 2.0 (2 on the front panel), 2x USB 3.0 (1on the front panel), 2x Touch Out, 1x HDMI 2.0 In, 2x HDMI 1.4 In, 1x DP In, 1x VGA In, 1x VGA In, 1x Audio In, 1x RS232 Control, 1x Audio Out, 1x LAN, 1x COAX Out		
Audio	16W x 2		
Power	250W	400W	500W
Consumption	≤0.5W (Standby)		
Glass	Tempered anti glare glass 4mm Mohs level 7		
Touch technology	Infrared matrix		
Driver	HID		
Simultaneous inputs	20 touch, 10 writing		
Input tools	Fingers (even with gloves) or any solid object		
Scan speed	≥6mm (single touch), ≥8mm (multitouch)		
Tracking speed	<15 ms		
Precision	±2 mm		
Touch resolution	32767 x 32767		
External size	152 x 91 x 10 cm	176 x 103 x 10 cm	199 x 118 x 10 cm
Net weight	44 Kg	60 Kg	78 Kg
VESA	600 x 400 mm	800 x 400 mm	
Slot OPS	Proprietary slot for built-in PC (no standard OPS)		
Built-in OS	Android 5.1		
Built-in CPU	ARM Cortex A53 Dual Core CPU		
Built-in GPU	Dual Core		
RAM	2 Gb		
SSD	16 Gb		
Warranty	3 years		
Certifications	CE, RoHS		
Accessories	1x power cord EU / UK (3m), 1x HDMI (3m), 1x VGA (5m), 1x USB (5m), 1x audio cable (5m), user's manual, quick start guide, 1x remote control, 3x passive pens		



HELGI

THE DIGITAL COURTYARD

Helgi Europe
education@helgi-solutions.com
business@helgi-solutions.com
www.helgi-solutions.com

OPTIONAL ACCESSORIES



Mini PC
(Proprietary slot)

MT21JW-4G-128SSD
MT21JW-8G-256SSD