vivitek®

Wireless Collaboration
Digital Signage

NovoConnect

NovoDS

NovoProjector

NovoTouch

NovoDisplay

NovoLED

Launchers

A brand of **DELTA**

![vivitek]

Visualization and Collaboration

Visual Display and Presentation Solutions

Vivitek, a brand of Delta, is a leading manufacturer of visual display and presentation solutions. The company's extensive lineup of award-winning digital projectors, collaboration solutions and digital signage devices incorporate the latest innovations and technologies to deliver superior products.

Vivitek has global sales and marketing operations in Europe, the Middle East, Africa, Asia and the Americas, and is renowned for providing the industry's best warranties and innovative solutions.

Delta, founded in 1971, is a global provider of power and thermal management solutions and a major player in several product segments such as industrial automation, displays, and networking. Its mission statement, "To provide innovative, clean and energy-efficient solutions for a better tomorrow," focuses on addressing key environ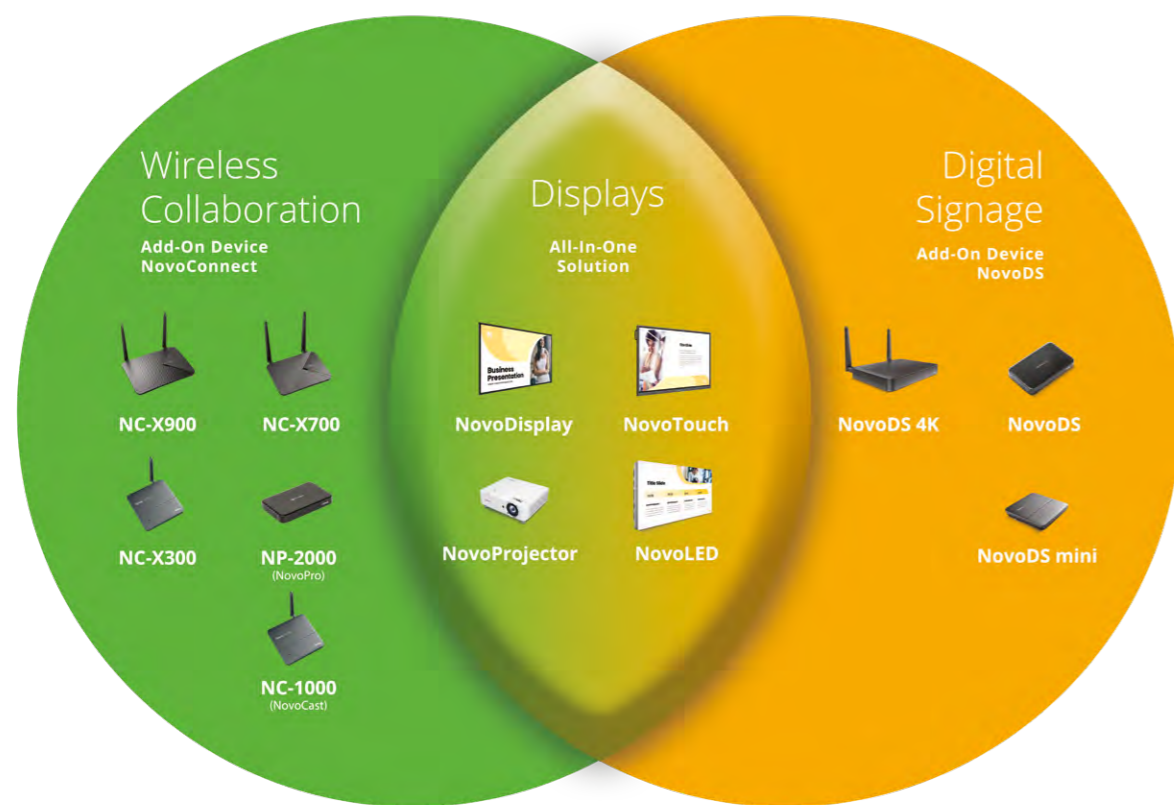mental issues such as global climate change. As an energy-saving solutions provider with core competencies in power electronics and innovative research and development, Delta's business domains include Power Electronics, Automation, and Infrastructure. Delta has 169 sales offices, 69 R&D centers and 37 manufacturing facilities worldwide.

Delta is a frequent recipient of international awards and related recognition for innovation, design, and corporate social responsibility.

Since 2011, Delta has been selected each year for the prestigious Dow Jones Sustainability™ World Index (DJSI World). In 2019 we were also included in the DJSI Emerging Markets Index for the 7th consecutive year. Delta was ranked by CDP (formerly the Climate Disclosure Project) at the Climate Change Leadership Level.
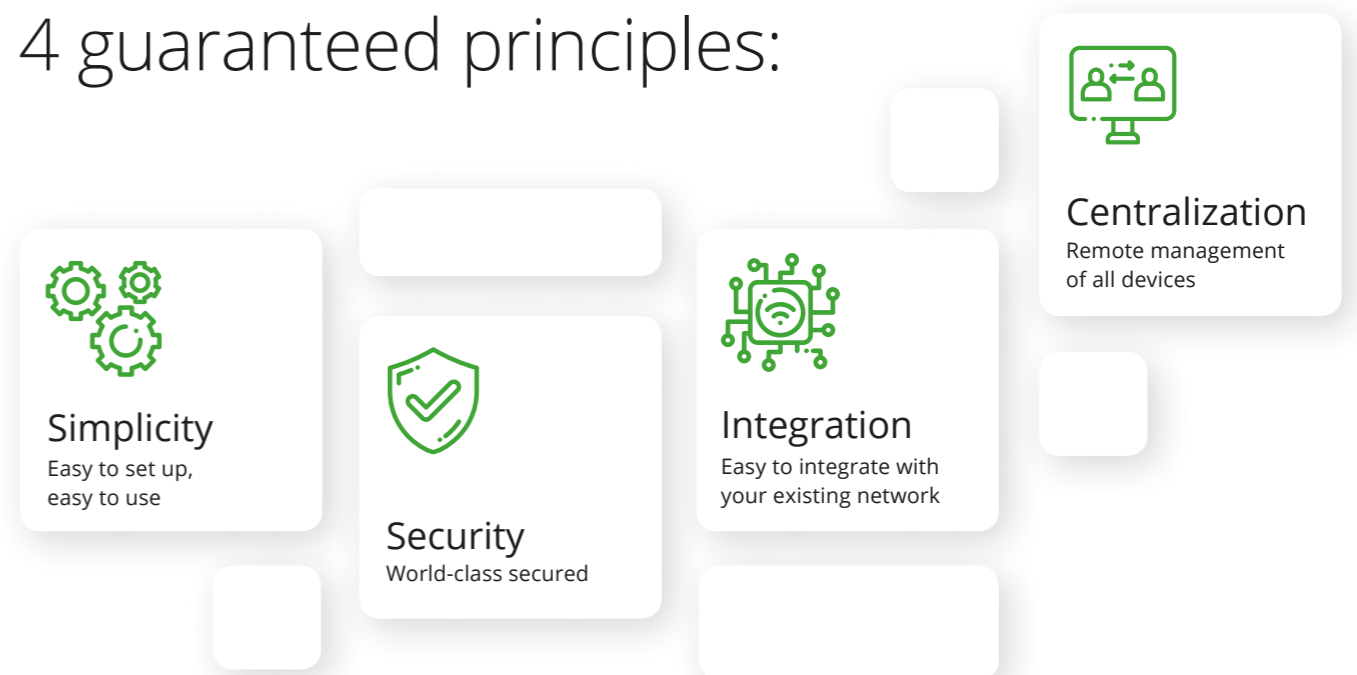
Novo Ecosystem
Simple.Guaranteed.

Novo Ecosystem

Wireless Collaboration
Add-On Device
NovoConnect

NC-X900   NC-X700

NC-X300   NP-2000
(NovoPro)

NC-1000
(NovoCast)

Displays
All-In-One Solution

NovoDisplay   NovoTouch

NovoProjector   NovoLED

Digital Signage
Add-On Device
NovoDS

NovoDS 4K   NovoDS

NovoDS mini

In today's fast-paced world, information and ideas need to be shared effortlessly and decisions must be made quickly. With NovoConnect wireless presentation Ecosystem that works everywhere, it has never been easier. Share your screen, present the content to a wider audience and collaborate with your team at the same time. Make your meeting more dynamic and enhance interaction! Novo Ecosystem is designed for large format display devices to effortlessly combine Wireless Collaboration and Digital Signage functionalities. It is a comprehensive product line dedicated for any type of visual communication – be it a meeting, digital signage or both! Perfect for business or education, the Novo Ecosystem is a flexible and scalable solution that will wow you with its convenience and ease of use. Simple. Guaranteed.

Vivitek Novo Ecosystem is designed to deliver Wireless Collaboration & Digital Signage based on 4 guaranteed principles:

Centralization
Remote management of all devices

Simplicity
Easy to set up, easy to use

Integration
Easy to integrate with your existing network

Security
World-class secured

Add-On Device NovoConnect	All-In-One Solution	NovoConnect Launcher	Add-On Device NovoDS
For those who already have a screen or a projector and wish to upgrade. Extend your visual display in any room for wireless presentation and effective collaboration.	Enjoy a full range of display devices with integrated wireless collaboration and digital signage functionality.	Use the Plug-and-Play Launcher for guest and team members to instantly connect to the NovoConnect unit from a laptop.	An easy-to-use digital signage solution for sharing and managing content on any connected screen. It delivers public announcements and is suitable for business, educational and public institutions of any kind.
Products			
NovoCast (Education) NC-X300 NC-X700 NC-X900	NovoProjector NovoDisplay NovoTouch NovoLED	LauncherPlus LauncherPlusC LauncherOne	NovoDSmini NovoDS NovoDS4K

The most simple and secure way to realize Wireless Collaboration and Digital Signage throughout the company

Executive Office
NovoTouch LK + Launcher

Boardroom
NC-X900 + Launcher
NovoProjector

Meeting Room
NC-X300 + Launcher

Cafeteria
NovoDisplay

IT Department
Integration, Centralization and Security of all devices

Reception Greeting Area
NovoDisplay

Corridor Area
NovoLED

Welcome

![vivitek]

Wireless Collaboration Features

Show Your Screen

- Wirelessly share your computer screen on a larger screen, boost interaction and drive creative teamwork.
- Provide smooth discussion flow - dynamically switch between the presenters and mirror all types of devices to the bigger screen.
- Exchange and organize thoughts by using annotation or highlight function in real-time and display more than one screen at a time.

Productivity

- Expand your meetings and reach a greater audience - with the NT Live function, you can create a real-time wireless screen duplication and stream multiple NovoConnect devices to the Hub.
- Quickly connect mobile devices using QR codes and the NovoConnect App.

Easy Integration

- NovoConnect is designed for an easy installation. The compact-sized Add-On models can be effortlessly added to an existing screen or projector.
- A dual network capability provides integration with existing IT infrastructure via LAN or a WiFi connection for guest access.
- Forget about messy cables, multiple devices to connect together, installation hassles or high maintenance costs, and head toward the best investment choice there is.
- All the models can be managed with the Remote Manager software. The IT department can monitor all the devices centrally from their desk, without the need to physically reach the device to configure it.
- Free software upgrades and no license fee enable large scale implementation with no hidden costs.

Add-On Device

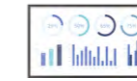| Key Features	NC-1000 NovoCast	NC-X300	NP-2000 NovoPro	NC-X700	NC-X900
Key Features	• Cost-effective BYOD solution • Wireless content sharing to the big screen • Moderation and preview modes • Centralized management providing control over displayed content	• Smartphone to the central screen • Up to two screens side by side • Cross-platform compatibility with Windows, macOS, Ubuntu, Android and iOS • Remotely controllable via Remote Manager • Free firmware upgrade over the air • Dual network support with secure WiFi hotspot mode and integration into office network • Comes with pre-paired LauncherPlus	• Suitable for small and large meeting rooms or classrooms • Sharing up to 4 screens simultaneously • Wireless content sharing to the big screen • Optional Launcher	• 4K-UHD display resolution • Support smooth video playback • High speed wireless communication • Rich in connectivity • Seamless switch between Wireless Collaboration and Digital Signage	• 4K-to-4K mirroring, Video, Photo, Doc. • Miracast optimized for Win-10 computers for best stability • Instant Mirroring (no software installation required) • Broadcast your screen to multiple locations over the network • Power-over-Ethernet (PoE) to simplify large-scale deployment • Seamless switch between Wireless Collaboration and Digital Signage
Version	Education	Corporate	Corporate / Education	Corporate / Education	Corporate / Education
Wireless Collaboration	•	•	•	•	•
Digital Signage				•	•
Screen Mirroring	iOS, GoogleCast	iOS, Google Cast	iOS, GoogleCast	Miracast- Win 10, iOS, Google Cast	Miracast-Win 10, iOS, Google Cast
Split-View	Quad Split-view	Dual Split-view	Quad Split-view	Quad Split-view	Quad Split-view
Remote Manager	•	•	•	•	•
Over-the-Air Software Upgrade	•	•	•	•	•
Screen Duplication Over The Network				1-way (NT Receiver)	2-way (NT Sender & Receiver)
HDMI Input (1080p)					•
Power over Ethernet (PoE)					•
Display Resolution	1080p	1080p	1080p	4K-UHD	4K-UHD
Optional Launcher		LauncherPlus, LauncherOne	•	LauncherPlus, LauncherOne	LauncherPlus, LauncherOne

All-in-One Solution

Key Benefits	NovoProjector	NovoDisplay	NovoTouch	NovoLED
Key Benefits	MEETING ROOM PROJECTOR • High-brightness 4,500 lumens, bulb or laser light source • Most cost-effective way to enjoy large screen size with wireless collaboration benefits • Eco-friendly power-saving system	IDEAL FOR HUDDLE ROOMS • Designed for meeting rooms and signage applications • Easy to install • Seamless transition between collaboration and signage mode	INDUSTRY-FIRST COLLABORATION TOUCH PANEL • Multifunctional for corporate and education use • Flawless touch annotation • Interactive White Board • Highly durable surface	INNOVATIVE LED VIDEO WALL • Designed for high-brightness environments • For signage and collaboration use • Rugged surface for easy cleaning
Version	Corp.	Corp.	Corp. / EDU	Corp.
Screen Size	100"-300"	43", 55", 65", 75"	65", 76", 86", 98"	110" (1.2mm) 137" (1.5mm) 220" (UHD 1.2mm)
Wireless Collaboration	•	•	•	•
Digital Signage		•	•	•
Display Resolution	1080p	4K-UHD	4K-UHD	1080p (110", 137") 4k-UHD (220")
Wireless Screen-out Duplication	1-way (NT Receiver)	1-way (NT Receiver)	2-way (NT Live & Receiver)	1-way (NT Receiver)
Remote Management	•	•	•	•
Optional Launcher	•	•	•	•
Warranty	5 years	3 years	3 years (5 years optional)	3 years

Launcher

	LauncherPlus	**LauncherPlus USB-C**	**LauncherOne**
Key Benefits	• Instant connection and wireless screen mirroring from any laptop • Universal connector or optional USB-C • Compatible with all Novo Ecosystem solutions (except for the education dedicated ones - NovoCast, NovoTouch EK series) • Zero impact on your network bandwidth • Comes with additional 4 buttons for true Wireless Collaboration		• Create a direct laptop connection to the screen with zero impact on the network. • No network integration required • Data Loss Prevention (DLP) compliant. • The only "GDPR-compliant" wireless collaboration solution • Designed with locked USB slots in-mind • Addresses IT collaboration concerns
Connector Type	USB Type-A	USB Type-C	USB Type-A
End User	Visitor/ Guest	Visitor/ Guest	Corporate/ Internal
Connected Device	PC/ MacOS	PC/ MacOS	PC/ MacOS
Direct Plug and Play	•	•	•
Data Security	AES-256 Encryption		AES-256 Encryption
DLP Security Level	Corp. standard		World Class

Digital Signage

	NovoDS mini	**NovoDS**	**NovoDS 4K**
Key Benefits	• Cost effective • Intuitive drag-and-drop playlist creation • Centralized device management • Supports native 1080p content • Can be administered through an optional cloud service	• Supports 4K display resolution • Built-in WiFi, RJ45 and built-in internal storage • Intuitive drag-and-drop playlist creation • Remote monitoring via network-based management • Can be administered through an optional cloud service	• HDMI input, built-in WiFi, RJ45 and built-in internal storage • Intuitive drag-and-drop playlist creation • Centralized device management • Powerful dual network capability • Low latency • Full AV system connectivity
Free Software	•	•	•
Display Resolution	1080p	4K- UHD	4K- UHD
Connect to NovoDS	Ethernet	Wi-Fi / Ethernet	Wi-Fi / Ethernet / HDMI
Connect to Display	HDMI	HDMI	HDMI
Multi Mixtures of Images	•	•	•
2-Way Screen Orientation(l/p)	•	•	•
Flexible Layout			•
No Programming Skills Required	•	•	•
Content Storage	Built-in 8GB/ SD card	Built-in 8GB/ SD card	Built-in 32GB/ SD card
Support Multimedia Format	•	•	•
AV Integration	Software API	Software API	Software API
Remote Management	•	•	•

NovoProjector

The NovoProjector is the perfect projector, offering an impressive 100" or larger screen with 4,500 ANSI lumens, 1080p native resolution and Wireless Collaboration capabilities all in one. Enjoy screen mirroring, annotation and moderation functions and the ability to display multiple screens simultaneously. If you need Wireless Collaboration and the big screen in your meeting rooms, then NovoProjector is the one for you. The device comes in a choice of two models: a lamp-based model or one utilizing a high-efficiency laser light source.

Meeting Room Projector

- Wireless presenting and collaboration on a large 100" - 300" screen
- 4,500 lumens and 1080p resolution for outstanding image quality
- Ideal for large-group presentations
- Available as a lamp-based model or with a high-efficiency laser light source
- Eco-friendly power-saving system

	DH858N	DH3665ZN
Resolution	1080p (1920 x 1080)	1080p (1920 x 1080)
Brightness	4,500 lm	4,500 lm
Light Source	Lamp	Laser
Throw Ratio	1.39 - 2.09 : 1	1.39 - 2.09 : 1
Dimensions	314 x 213 x 127 mm	395 x 341 x 136 mm

NovoTouch

Cooperate with your team and effortlessly visualize your ideas on a big screen with an amazing 4K touch panel that integrates Wireless Collaboration and Digital Signage functionalities. Improve meeting efficiency and create an interactive environment for a fluid exchange of thoughts. The display also has a video conferencing feature including pre-installed Zoom, Teams or Skype for Business that enables you to switch to conference mode and engage with remote participants. NovoTouch is a powerful collaboration solution that's ideal for conference rooms, meeting areas, corporate lobbies and education.

1 4K-UHD Touch Display

2 Wireless Collaboration

3 Video conferencing

4 Digital Signage

Web Browser
Integrated internet browser to access worldwide resources.

NovoConnect
Allows to show your screen wirelessly on a larger screen.

Video conferencing
Allows to switch to conference mode and engage with remote participants

Digital Signage Solution
Seamlessly turn the screen into a company message /announcement board (e.g. welcome screen with WiFi guest code or the employee activities board).

NT Live Screen   NT LiveReceiver
Real-time duplication of the screen to other NovoTouch displays in the virtual Hub - ideal for meetings or groups that need to be split across separate spaces.

NT Minutes
Save everything on the screen as a video clip.

Office
Compatible with productivity tools, reads documents from Microsoft Office applications, PDF and many others

Notes
Write on your screen. Take notes or highlight things in real-time. Save and re-use your notes.

Finder
Manage your files with ease. Copy and paste files from internal memory to a USB flash drive or vice versa.

Google Drive
Quick access to Cloud - use and save files from Google Drive.

New NovoTouch Series

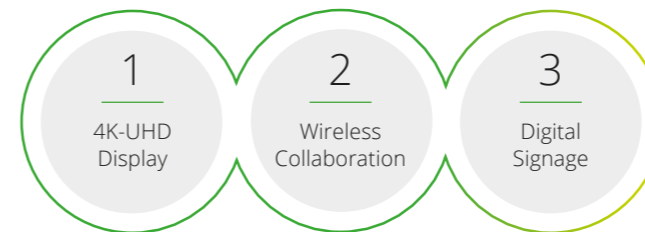| Application	Ideal for Corporate and Education
Panel Technology	Backlit LED (IPS- ADS)
Resolution	4K-UHD (3840 x 2160)
Touch Technology	Infrared Touch
BYOD	Windows, macOS, iOS, Android, Chromebook, Ubuntu
Optional LauncherPlus	Yes
Available Size	65" - EK653i 75" - EK753i 86" - EK863i

NovoLED

NovoDisplay

NovoLED is first off the shelf ready to use LED video wall display with Wireless Collaboration and Digital Signage tools included. Available in three standard sizes, 110", 137" and 220" with up to UHD resolution each video wall can easily be wall-mounted with supplied controller. LED technology can be a better alternative to other display types as it provides a screen without bezels for use in bright environments with excellent color brightness and contrast and thus offer flexibility of use whether in meeting rooms, boardrooms or large venues and with signage related applications. Each video wall variant has a 16:9 aspect ratio, so it can be used as any other screen. With NovoLED, we offer another display alternative with the same ease of use and security. Guaranteed.

- Innovative LED Video Wall
- Designed for high-brightness environments
- For signage and collaboration use
- Latest COB LED technology
- Protected surface - rugged,
  dust proof, water resistant
- Pre-calibrated LED modules
- 110" screen size Full-HD
  (1080p) resolution with 1.2mm pixel pitch
- 137" screen size Full-HD (1080p)
  resolution with 1.5mm pixel pitch
- 220" screen size 4K -UHD resolution
  with 1.2mm pixel pitch

1	2	3
4K-UHD Display	Wireless Collaboration	Digital Signage

NovoDisplay is a unique and innovative solution that combines a 4K-UHD panel display, Wireless Collaboration and Digital Signage into a single unit. It enables collaboration between all the participants and allows them to share concepts and contribute to the discussion. The NovoDisplay flat panel can be also turned into a Digital Signage display when not actively used in a meeting. Deliver any public communications and incorporate them into a signage playlist. Maximize the use of the screen for different surroundings, like an office, a hotel, a museum or a trade show. The device makes it easy to communicate before, during and after the meetings!

Ideal for huddle rooms

- Designed for meeting rooms
  and signage applications
- Easy to install
- Seamless transition between
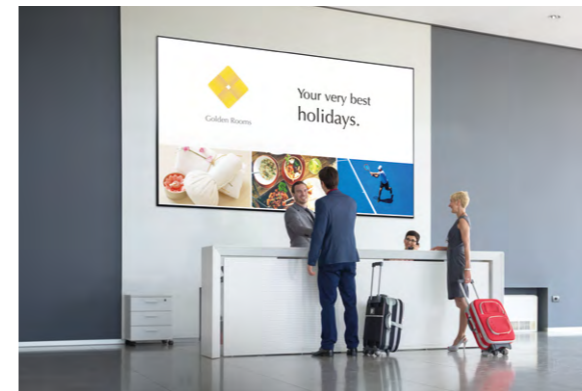 collaboration and signage modes

NovoDisplay DK Series

Usage	Huddle spaces - Combining Wireless Collaboration and Digital Signage
Panel Technology	IPS Panel, Backlit LED
Resolution	4K-UHD (3840 x 2160)
Touch Technology	NA
BYOD	Windows, macOS, Ubuntu, iOS, Android, Chromebook
Optional LauncherPlus	Yes
Available Size	43": DK430 55": DK550 65": DK650 75": DK750

Digital Signage

Digitize your messaging and transform your business.

The need for businesses to communicate clearly, effectively and on a timely basis is crucial for continued success in the marketplace. The message needs to stand out among the multitude of other communications we're being overloaded with every day from multiple sources. This is the reason why so many organizations have adopted digital signage technology. NovoDS Digital Signage Solution is perfect for creating dynamic visual displays for any corporate or public spaces.

HOTEL INDUSTRY

Digital signage located in reception areas can display a cheerful 'Welcome' message and images that greet visitors with your brand identity.

RETAIL

Retailers can apply digital signage to highlight products and offers. Restaurants can display the menu of the day.

CORPORATION

Digital signage boards make it easy to communicate and deliver crucial information, such as way finding, meeting schedules, project status, corporate intranet pages and more.

EDUCATION

In the classroom, digital signage can provide visual support to present content in a dynamic, immersive way.
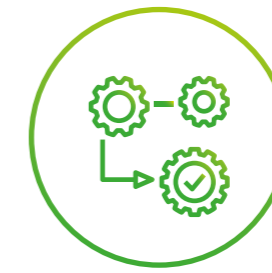
NovoDS Features

Creating digital signage could sometimes be problematic. But with Vivitek's new solution, you no longer need programming skills, external graphic support, nor a large amount of time. With the NovoDS Digital Signage Solution, intuitive software helps you easily create playlists and publish them remotely to NovoDS devices. No IT knowledge is required from the user – simply convert your message into visual signage from scratch or by using differently themed templates. Updating the playlist is as easy as updating your social media channels!

Content Creation

- Build signage content from scratch with a simple drag and drop function

- Supports a wide range of dynamic content forms: text, audio, photos, videos, webpages, Google calendar, Twitter, Facebook, Instagram, RSS, weather, IP streaming etc.

- Automatically synchronizes media content from remote storage, such as Dropbox or FTP

- HTML5 rendering supports rich interactive content

Device Management

- Content updates over wired and/or wireless network

- Manage and monitor device playback status from a central computer or via NovoDS Cloud

- Playlist scheduling for daily, weekly and monthly schedules

- Plug and play for easy set up and configuration, including device auto discovery

- Integrated RS232 control interface for user control external equipment
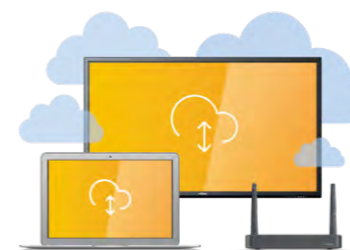
- Kensington security slot

Playlist

- Built-in playlist templates for easy content creation

- Preview playlists on your computer during the creation process

Low TCO
(Total Cost of Ownership)

- NovoDS Studio software is free of charge

- NovoDS Solution devices are license free

NovoDS Cloud

For remote device and content management over the internet. This easy-to-use, role-based cloud service enables administrators, publishers and designers to manage playlists, set up devices, create single user accounts and more from anywhere with an internet connection. The Cloud service is available at NovoDS. com or can be deployed as an on-premise version.

Visit www.NovoDS.com and register an account for a free trial.

NovoDS Add-On Device

NovoDS4K

The NovoDS4K is perfect for incorporating a television signal into the playlist. You can enjoy a sports event in a bar or invite guests to cheer for their favorite team.

NovoDS

The NovoDS is ideal for all types of signage set-up with its wireless and wired connection capability. Connect it easily to your WiFi and start showcasing your digital signage.

NovoDS Digital Signage Solution comes with different hardware choices to suit your needs. The Add-On models are ideal for integrating into your existing infrastructure. They are small, compact-sized units, which fit easily at the back of the screen. Whether it's managing the devices and playlist updates via the wired LAN or via a WiFi connection, we have you covered.
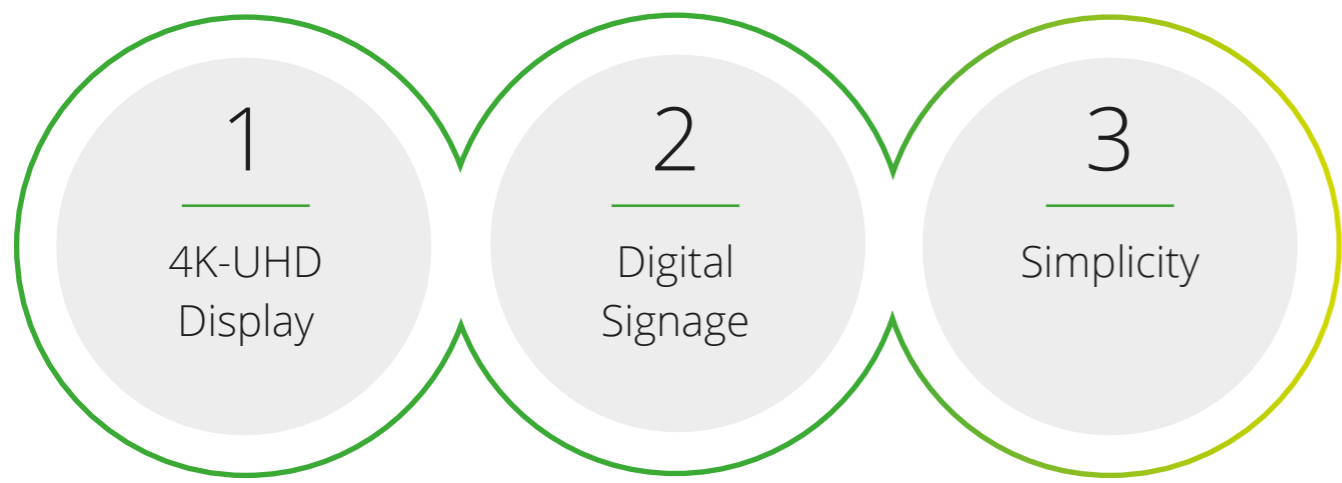

NovoDSmini

The NovoDSmini is the choice if you wish to manage all the playlists via wired network only.

NovoDSmini   NovoDS   NovoDS4K

	NovoDSmini	NovoDS	NovoDS4K
Display Resolution	1080p (1920 x 1080); 720p (1280 x 720)	4K-UHD (3840 x 2160); 1080p (1920 x 1080); 720p (1280 x 720)	4K-UHD (3840 x 2160); 1080p (1920 x 1080); 720p (1280 x 720)
Network Connectivity	WiFi: NA Ethernet: 10/100Mbps	WiFi: 802.11ac Ethernet: 10/100Mbps	WiFi: 802.11ac, Enhanced External Antenna Ethernet: 1Gps
Playlist Design	Grid Layout	Grid & Flexible Layout & Optional Featured Templates on the Cloud	Grid & Flexible Layout & Optional Featured Templates on the Cloud
HDMI	1x HDMI-Out	1x HDMI-Out	1x HDMI-Out 1x HDMI-In as Playlist Video Source
Internal Storage	8 GB	8 GB	32 GB
Dimensions	100 x 100 x 20 mm	120 x 75 x 16 mm	152 x 113 x 22.5 mm

NovoDS All-In-One Solution

In addition, the NovoDS Digital Signage Solution comes with All-in-One models, which are the combination of signage players and 4K screens. The unique NovoDisplay flat panel enables the user to control all of the necessary signage functionalities from a single, fully sufficient unit. The flat panel is suited for hospitality areas, lobbies and receptions since it also integrates wireless collaboration capabilities that allow automatic switching from signage and announcement boards to engaging team discussions and brainstorming sessions.

1	2	3
4K-UHD Display	Digital Signage	Simplicity

	DK430	DK550	DK650	DK750
Panel Size	43"	55"	65"	75"
Panel Technology	IPS Panel, Backlit LED			
Resolution	4K-UHD (3840 x 2160)			
Application	Design for Digital Signage and supports Wireless Collaboration			
Playlist Design	Grid & Flexible Layout & Optional Featured Templates on the Cloud			
Network Connectivity	WiFi: 802.11ac, Enhanced External Antenna; RJ45 Ethernet: 1Gps			
Speaker	5W x2	5W x2	8W x2	15W x2
Dimensions (mm)	970 x 559 x 85	1,244 x 714 x 70	1,477 x 852 x 80	1,715 x 993 x 93

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www.vivitek.eu | www.novoconnect.eu | www.novods.com