



NovoDS

DS110

DS210

DS310

4K-UHD High-performance
Digital Signage Player

Overview

NovoDS is a very affordable, network-based digital signage solution which is ideal for creating dynamic visual displays for corporate, school, and public spaces. Its latest models (DS110, DS210 and DS310) bring significant performance boost with its seamless 4K@60Hz video playback, modern web browser engine, and rich support of social media content. Robust, compact and stylish, this series is housed in a metal chassis for rugged durability, ideal for signage applications in a variety of environment.





Key features

4K-UHD Resolution & Flexible Orientation



NovoDS supports 4K resolution to deliver outstanding details and stunning visuals, and both landscape and portrait orientation to meet various commercial needs.



Dynamic Content Types



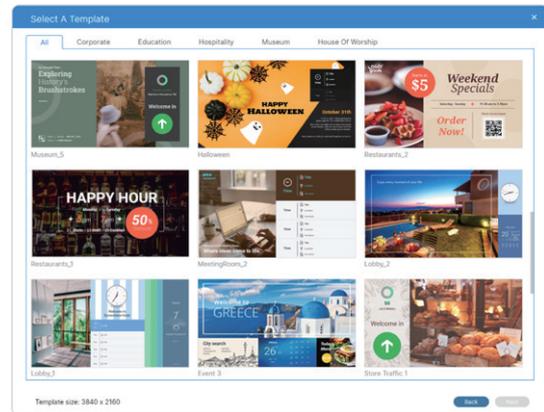
NovoDS provides a variety of popular content widgets, ex: YouTube, Instagram, Google drive, and weather. All these online content will be updated automatically on the signage, minimizing your administration effort.





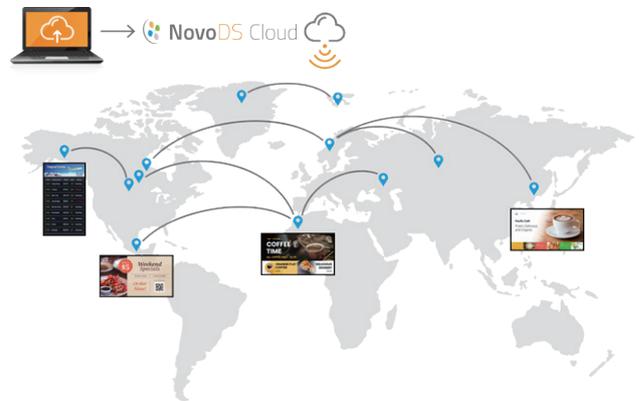
Rich Designer Templates

Professional designer templates are available in NovoDS Cloud for you to build your eye-catching signage quickly.



NovoDS Cloud

NovoDS Cloud is a cloud service that allows users to easily create, edit, and publish playlists across platforms. Its 2-factor authentication provides extra protection of your content and devices. Its role-based access and playlist co-editing features support large teams well. Its rich designer templates and What-You-See-Is-What-You-Get playlist editor make content creation look so easy.



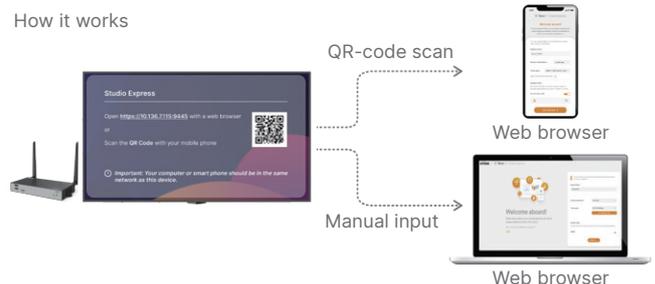
NovoDS Studio

NovoDS Studio is a software for Windows and MacOS to enable users to manage NovoDS deployment over the Intranet. Users can publish playlists, schedule playback, and manage devices (such as firmware update, update content, etc.).



NovoDS Studio Express

NovoDS Studio Express allows you to update or create new digital signage messages on the spot, accessible with a web browser! Using mobile or desktop, any authorized user can easily update the latest messaging on the digital signage. Safe, but easy.



Specifications

Model	DS110	DS210	DS310
Product Image			
RAM	2GB	4GB	4GB
Storage	Internal: 16GB	Internal: 16GB	Internal: 32GB
	External: microSD Card (Up to 32GB), USB Drive (Up to 32GB)		
Display Output	HDMI-Out v2.0 (HDCP v2.2 Compliant)		
Display Resolution	3840 x 2160 (16:9, UHD 4K@60fps)		
Display Orientation	Landscape & Portrait		
Ethernet	RJ45 (10/100/1000 Mbps)		
Wi-Fi	N/A	Wi-Fi: 802.11 b/g/n/ac (2.4GHz & 5GHz), 2T2R,	Wi-Fi: 802.11 b/g/n/ac (2.4GHz & 5GHz), 2T2R,
Bluetooth	N/A	Bluetooth 5.0	Bluetooth 5.0
Input Connection Ports	USB(x3)		
	microSD Slot	microSD Slot	microSD Slot, RS-232 (3.5mm)
GPIO	N/A	N/A	GPIO (3.3V x1, GND x1, GPIO x4)
HDMI-In	N/A	N/A	HDMI-In(4K@30fps)
Audio output	Audio-Out (3.5mm)		
PoE(Power over Ethernet)	N/A	N/A	Yes
Dimensions (WxDxH)	96 x 105 x 28mm (3.8' x 4.13' x 1.10')	96 x 105 x 28mm (3.8' x 4.13' x 1.10')	96 x 178 x 28mm (3.8' x 7.0' x 1.10')
Weight	316g (11.1oz)	316g (11.1oz)	490g (17.3oz)
Power Supply	DC jack: 5V/2A, 10W	DC jack: 5V/2A, 10W	DC jack: 5V/2A, 10W RJ45: Power over Ethernet (IEEE802.3 af)

Software

Software	Studio Express	DS Studio	DS Cloud
Platform	PC & Mobile browser	Windows, MacOS	PC browser
Free/Charge	Free	Free	Subscription
Software installation	-	O	-
Connection method with device	Intranet	Intranet	Internet
Basic widget (text, image, video, etc...)	O	O	O
Social media widget (FB, IG)	O	O	O
Two-factor authentication	-	-	O
Emergency message	-	O	O
Role management	-	-	O
Schedule deployment	O	O	O
Designer templates	-	-	O
Support OneDrive, Google Drive	-	O	O
Remote snapshot	-	O	O



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