

1.2 Product Features

NovoDS product family has 4 models, DS301, DS110, DS210, and DS310. Some of the key features include

- Display Output (HDMI): up to 4K UHD resolution @ 60fps
- Connectivity: USB, RS232, Audio Output
- Networking: Built-in WiFi and LAN (100Mbps/1Gbps)
- Kensington Security Lock

The following table summarizes product features available for each model.

	DS301	DS110	DS210	DS310
Hardware Feature				
Video Playback	4k@60fps	4k@60fps	4k@60fps	4k@60fps
WiFi	Yes		Yes	Yes
LAN	1Gbps	1Gbps	1Gbps	1Gbps
PoE				Yes
HDMI Input				4K@60fps
Built-in Storage	16GB	16GB	16GB	32GB
RS232 (USB)	Yes		Yes	Yes
RS232 (built-in)	× 1			× 1
microSD Card Support	× 1	× 1	× 1	× 1
USB Thumb Drive Support	Yes	Yes	Yes	Yes
USB Ports	× 2	× 2	× 2	× 2
Audio Out	× 1	× 1	× 1	× 1
GPIO				Yes
Content Type				

Video Decoding Capability	4K@60fps × 1 4K@30fps × 2	4K@60fps × 1	4K@60fps × 1	4K@60fps × 1 4K@30fps × 2
PPT/Photos/Videos	Yes	Yes	Yes	Yes
Text	Yes	Yes	Yes	Yes
Weather/RSS	Yes	Yes	Yes	Yes
YouTube/IP Streaming	Yes	Yes	Yes	Yes
Remote Media (Cloud Storage)	Yes	Yes	Yes	Yes
HTML5 (Webpage) Performance	Advanced	Advanced	Advanced	Advanced
Calendar	Yes	Yes	Yes	Yes
Social Media (Facebook, Instagram)	Yes	Yes	Yes	Yes
Announcement / Emergency Broadcast	Yes	Yes	Yes	Yes
People Counting	Yes	Yes	Yes	Yes
Bulletin board	Yes	Yes	Yes	Yes
Device Configuration				
Remote Snapshot	Yes	Yes	Yes	Yes
Screen Orientation	Yes	Yes	Yes	Yes
Others				
Playback Schedule	Yes	Yes	Yes	Yes
Flexible Layout	Yes	Yes	Yes	Yes
Multi-Layer Playlist	Yes	Yes	Yes	Yes
Playlist synchronization	Yes	Yes	Yes	Yes
Video-Wall	Yes	Yes	Yes	Yes
Software API	Yes	Yes	Yes	Yes
NovoDS Studio	Yes	Yes	Yes	Yes

NovoDS Cloud	Yes	Yes	Yes	Yes
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