

Great things come in tiny packages

Introducing NOXEL's Xstream Series NXDS600 a tiny, solid-state digital signage player custom-designed to play regular and 3D video at full 1080P HD, and do it flawlessly for years.

Measuring just 150 by 128mm wide, by 40mm high, and weighing only 950 grams, the NXDS600 is an ideal solution for the space restraints and operating demands of digital signage and digital out of home media networks of any size or scale.

Highlights

Swiss-quality

Designed and manufactured by Switzerland-based NOXEL, the new NXDS600 player couples a Blu-ray HD video engine with an IPTV-class processor.

Dedicated device

The NXDS600 is not a complicated, high-maintenance PC. It's a networked playback device designed specifically to play out video, reliably and perfectly, for months and years.

No more blue screens

There is no operating system, meaning fast, consistent start-ups and maximum reliability. The NXDS600 runs on embedded, custom firmware.

No moving parts

There's nothing to break. Industrial cooling fins dissipate any heat (instead of fans). Solid state memory replaces failure-prone hard drives.

Plug and play

No IT skills are needed. All operators need is power.

Green solution

Even at full HD decoding, the players consume less than 5 watts of energy, and less than 2 watts in standby mode.

Back-end sophistication

NXCM is a web-based platform that offers a full, powerful toolset to manage NXDS600 players and overall networks.



Key features

- ❑ 1080P (1920 by 1080) Full HD 24/50/60Hz, NTSC/PAL
- ❑ Video playback on a Sigma Designs video decoder (SMP865X) that supports smooth MPEG-4.10 (H.264) SMPTE 421M (VC-1), AVS, WMV9 MPEG-4.2 and MPEG-2
- ❑ Full support for 3D MPEG-2/H.264 Side by Side, Over/Under, Anaglyphic, Polarized and Auto-stereoscopic 3D
- ❑ Weighs less than 1 kg measures 150x128x40 mm
- ❑ Embedded firmware with remote auto upgrades; remote monitoring and management
- ❑ Units ship with included software license to run on a flexible - SaaS or enterprise, push or pull - browser-based content management platform
- ❑ Cost-effective; no recurring software fees

Xstream Series

NOXEL®

NXDS600 SPECIFICATIONS



Main Processor & Memory	SMP865x, 512M DDR2, 256M NAND
Firmware	Embedded firmware Remote Upgrade Management and Monitoring
Video Formats	MPEG-2 Transport Stream (MP@HL) MPEG-4, H.264 HD, WMV9
Audio Formats	MPEG-1 Layer I/II (MP3), MPEG-4 WMA, Dolby AC-3 (pass-through) DTC (pass-through)
Image Formats	JPG, PNG
Media Formats	AVI, VOB, MOV, MPG, MP4, TS WMV/WMA
Live Streaming protocols	UDP LIVE IP Streaming in HD quality
Resolutions	Up to 1080 i/p (1920x1080) at 24/50/60Hz PAL/NTSC Commercial-grade SD video up-scaling
Bit Rates	Up to 40 Mbps (Subject to Media Throughput & Video Format)
Video Output	HDMI 1.3 Composite (PAL/NTSC) Component (YPbPr) DVI (via adapter) VGA (via adapter)
Audio Output	Stereo RCA, S/PDIF Optical, Via HDMI
Storage	SDHC, USB Storage
Data Port	USB 2.0 x 2 (x 4 Optional) LAN (10/100BASE-T) WiFi-N 150Mb 5dB Booster Antenna
Control Port	IR Blaster and RS232 interface for monitor control and status retrieval
Power	AC 100V ~ 240V 50/60Hz 12V DC adapter
Mounting	VESA Mounting Bracket
Software	Both horizontal and vertical image displays Pull mode, push mode and synchronization allowing greater independence and flexibility in content creation and modification Fully comprehensive scheduling

NXCM Content Manager Platform

NXDS600 Media Players connect to the NXCM digital signage Content Manager platform, which gives network operators a sophisticated management toolset, and lets them choose how to use it.

Operators can choose the hosted NXCM subscription option,

or buy the NXCM software and manage their own servers and software. Either way, our powerful web-based solution lets users build and manage large, active and ultra-reliable digital signage networks, while keeping tight controls on costs.

NX MODULES

NXA5050	WiFi Module 802.11 B/G/N 150Mb gdB Booster Antenne
NXA3050	USB Internal Module + Cable
NXA2050	AV Connection Cable 1m
NXA2051	Cable YPbPr Adaptor 0.2m RCA
NXA2052	Cable IR Receiver/Blaster
NXA2053	Cable RS232
NXA2054	IR Receiver/Blaster RS232
NXA1050	Bracket NXDS Vesa Mount
NXA1051	Bracket NXDS T-Stand

