luminis 3d.
3D Digital Signage

Clever Little Box.

Luminis 3D: Auto-Stereoscopic 3D Digital Signage

Using the same Windows-based digital signage platform as our 2D 'Luminis AiO', Luminis 3D combines all the functionality and ease of use of 'standard' digital signage with state-of-the-art lenticular screen technology, to provide what are the most truly 'outstanding' signage results you can imagine!!

Luminis 3D can be operated as a stand-alone unit, or can be configured in a network as 'Server' or 'Client' (same Model configurable). Individual Client units in stand-alone mode can be controlled directly or on the local network via a web interface. Alternatively, if a number of units are networked, they can be controlled and updated over a wide area network.

Featuring fully-controllable templates and schedules, the Luminis signage platform supports a combination of both 3D and 2D media content, supporting video, Flash, RSS, streamed images, web pages, PowerPoint, tickertape, plus much more!

Adopting lenticular screen technology provides the only true solution to glasses-free 3D – essential, of course, for public signage where there is no control over the audience (and certainly no chance to hand-out free spectacles to every passer-by!)

As digital signage becomes the 'norm', the ability to catch an audience's attention and literally stop them in their tracks is the ultimate goal; Luminis 3D delivers.

Features:

- Outstanding glasses-free 3D system
- Windows platform, supporting all standard Windows media files
- Fast and easy installation; up and running in minutes
- All-in-one, plug-in and play solution
- Simple and intuitive browser-based user interface
- Control and update locally or remotely via web browser
- Pre-designed and self-configured display templates
- 'Unlimited' number of media/content channels
- Fully-programmable scheduling
- Configurable user permissions

Luminis 3D is the UK's very first 'glasses-free' 3D digital signage!

Viewers reactions to Luminis 3D:

'Truly outstanding digital signage!'

'Really very impressive.'

'Totally AWESOME!!!'

'As for digital signage, this is the way to go...'

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Supported 3D content:

- 3D Studio Max*
- MAYA*
- Live-action filmed in 3D*

*(*requires processing to auto-stereoscopic format via 'Mixture' software application)*

Supported 2D content:

- Flash
- JPEG/BMP/GIF stills and slideshows
- MPEG/AVI video
- html/web pages
- PowerPoint
- Rich Site Summary (RSS feed)
- Optional live TV feeds
- …plus 5.1 audio playback

Luminis 3D Media Player Specification:

Part No:	Luminis 3D
Mother board	BIOSTAR TA780G M2+
CPU	AMD Socket AM2 Athlon 64x2 4400+ (2.3GHz)
Chipset	AMD 780G
Memory	2048MB Corsair DDR2 800MHz 4 x DDR2 DIMM Memory Slot Max. Supports up to 4GB Memory
Graphics Controller	GeForce 9600GT GPU with DDR3 512MB
LAN	Realtek 8168C/8111C on-chip, supporting 1000/100/10M bps
Audio	ATI 791A. Realtek High Definition Audio
Storage	1 x 120GB 3½" SATA II hard disk drive
External I/O	1 x PS/2 Mouse, 1 x PS/2 Keyboard 1 x Standard VGA Port 4 x USB 2.0 ports 1 x RS232 port 1 x DVI port 3 x Audio connectors 1 x RJ-45 10/100/1Gb Base-T Ethernet LAN connector
Watchdog	1 x Hardware watchdog
Indicators	Power On switch and indicator
System Management	CPU temperature monitoring, system temperature monitoring, and voltage monitoring of Vcore, +3.3V, +5V, +12V, -12V are all available to the application for monitoring and reporting.
Power Requirements	230v AC with IEC320 power inlet.
Environmental Conditions	Operating temperature range +5 °C to +40 °C in free air Shock and vibration compatible with light industrial usage.
Dimensions	360(W) x 45(H) x 240(D) mm
Weight	3.5kg

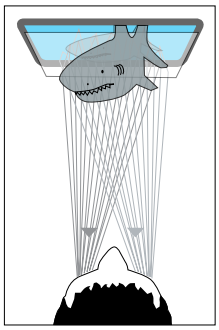
3D Enabled Lenticular Screen Specifications:

Model:	22Enabl3D	32Enabl3D	42Enabl3DOF	42Enabl3D	47Enabl3D	57Enbal3D
Display Diagonal:	22"	32"	42"	42"	47"	57"
Aspect Ratio:	16 : 9	16 : 9	16 : 9	16 : 9	16 : 9	16 : 9
Display Resolution (WXGA):	1680 x 1050	1366 x 768	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Dimensions:	502(W) x 325(H) x 119(D)mm	790(W) x 480(H) x 119(D)mm	Open Frame	1025(W) x 619(H) x 139(D)mm	1160(W) x 706(H) x 139(D)mm	1470(W) x 880(H) x 139(D)mm
Weight:	8.5kg	26.5kg	44kg	44kg	54kg	75kg

How does 3D Lenticular technology work?..

Also known as auto-stereoscopic, this glasses-free system is regarded by many as the ideal long term 3D solution. A sheet of transparent, cylindrical lenses (known as 'lenticules') is fixed to a commercial LCD screen.

These lenticules reflect light in specific, acute angles to generate different images to each eye.



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