



Clever Little Box



Luminis AiO: All-in-One Digital Signage

Clever Little Box's latest generation Luminis AiO is the all-in-one solution for creating and running your own unique on-screen digital channel for enhancing communications and delivering eye-catching information.

Luminis AiO is straight out of the box and ready to use. It supports all Windows media file formats and allows you to create your own on-screen messages or play back web-based content.

Luminis AiO can be operated stand alone or can be configured in a network as 'Server' or 'Client' (same model configurable) networked and controlled remotely. Up to 100 Luminis 'client' players can be connected to your network.

Features:

- Latest generation high efficiency, low power consumption media player
- Fast and easy installation; up and running in minutes
- All-in-one plug and play solution
- Stand-alone or fully networked
- Simple and intuitive user interface
- Control locally or via web browser
- Use pre-designed display templates
- Design your own display templates
- Landscape & portrait display options

Play Back:

- Rich Site Summary (web feed)
- Still and moving images
- Video
- Flash animation
- Tickertape messages
- Powerpoint
- Web pages
- 5.1 audio playback
- Optional live TV feeds (Part No. USBTV)



Create, amend and control your own digital signage templates, content and schedules with Luminis AiO...

Specifications:

Model:	Luminis AiO
CPU	Intel Core 2 Duo, T3400
Chipset	Intel GM45 + ICH9M
Memory	200pin DDRII So-DIMM, 1Gb
Graphics	Intel GMA X4500MHD, HDMI Port x 1, D-Sub VGA Port x 2
Controller	Max Shared Video Memory is 512Mb
LAN	Intel Gigabit Ethernet 10/100/1000
Audio	Realtek ALC662 HD Audio CODEC on-board, stereo CH 5.1 with HDMI
Storage	SATA 2.5" HDD 160Gb
External I/O	2 x VGA Ports 4 x USB 2.0 Ports 1 x RS232 Port 1 x HDMI Port 2 x Audio connectors 1 x Audio Set Live Out 1 x Audio Set Mic-in 1 x Upgrade for Antenna Port
Power Requirements	Auto-ranging 110 ~ 240v , 4 ~ 2A , 60 ~ 50Hz, with IEC320 power inlet
Dimensions	166(W) x 48(H) x 157(D) mm
Weight	1.22kg



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Luminis 3D: Auto-Stereoscopic, Glasses-Free 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 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

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 (Part No. USBTV)
- ...plus 5.1 audio playback

Supported 3D content:

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

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

See page 232 ~ 233 for details of the **Magnetic 3D** Range of glasses-free Auto-Stereoscopic 3D LCD Screens.



Specifications:

Model:	Luminis 3D
Mother board	BIOSTAR TA780G M2+
CPU	AMD Socket AM2 Athlon 64 x 2, 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 3 1/2" 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

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• **ENABL3D: Auto-Stereoscopic, Glasses-Free, 3D LCD Screens**

The new Enabl3D range from Magnetic represents the cutting edge of 'glasses-free' 3D screen technology.

Using the latest generation of auto-stereoscopic (or 'lenticular') LCD technology, Magnetic Enabl3D screens allow incredible resolution and outstanding 3D large format displays without the need for any special glasses, eyewear, headgear or projectors.

Providing the ultimate in eye-catching, crowd-stopping displays, media and digital signage; video images and content appear to fly out of the screen and float in mid air!

The effect truly has to be seen to be believed.

The Magnetic 3D proprietary overlay and industry-leading 3D render software combine to deliver truly stunning visual effects - all without the need for viewers to wear 3D glasses...

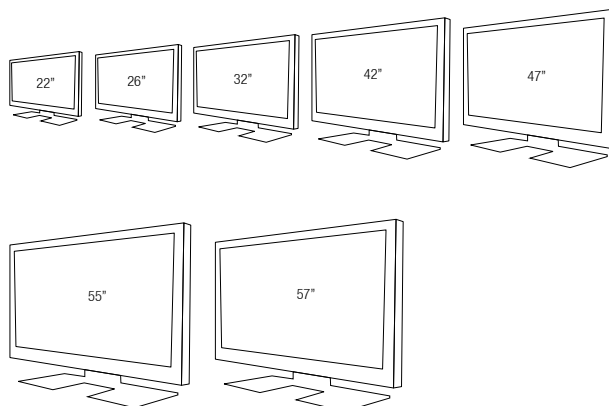
Features:

- Glasses-free 3D screen technology
- Autostereoscopic, Full-HD 1080p LCD screens
- 9-point multi-viewing 3D zones
- 176° ultra-wide viewing angle
- 50,000 hours viewing time
- Durable and discreet design and build
- IRFM technology helps prevent 'screen burn'
- Configurable Inputs/Outputs
- Active ambient light sensor for energy saving control



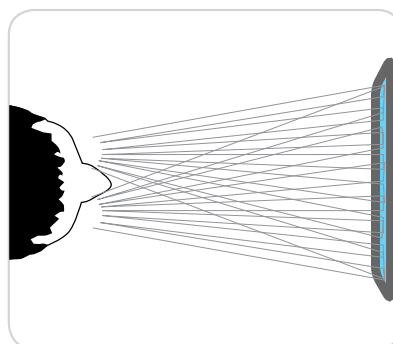
Part Numbers:

Part Number:	Screen sizes:
22Enable3D	22" 3D Stereoscopic Enabled Display Screen
26Enable3D	26" 3D Stereoscopic Enabled Display Screen
32Enable3D	32" 3D Stereoscopic Enabled Display Screen
42Enable3D	42" 3D Stereoscopic Enabled Display Screen
42Enable3D0F	42" 3D Stereoscopic Enabled open-frame Display Screen
47Enable3D	47" 3D Stereoscopic Enabled Display Screen
55Enable3D	55" 3D Stereoscopic Enabled Display Screen
57Enable3D	57" 3D Stereoscopic Enabled Display Screen



• **How does 3D Auto-stereoscopic screen technology work?..**

Also known as 'lenticular', this glasses-free system is regarded as the ideal long-term 3D solution. A sheet of transparent, cylindrical lenses (known as 'lenticules') is fixed to a professional-grade, high definition LCD screen. These lenticules reflect light in specific, duplex acute angles to generate different images to each eye.



• **ENABL3D:** (contd)

Specifications:

Model:	22Enabl3D	26Enabl3D	32Enabl3D	42Enabl3D0F
3D Viewing Angle (Left/Right)	50°/50°	50°/50°	50°/50°	50°/50°
2D Viewing Angle	170°/160°	176°/176°	176°/176°	176°/176°
Brightness	280 nits	350 cd/m ²	450 cd/m ²	660 cd/m ²
Contrast Ratio	1000:1	1500:1	3000:1	4000:1
Response Time	5ms	8ms	6.5ms	6.5ms
Supported Colours	TBD	16.7M colours	16.7M colours	16.7M colours
Horizontal/Vertical Frequency	30 ~ 82kHz, 50 ~ 75kHz	30 ~ 80kHz, 56 ~ 75kHz	35 ~ 65kHz, 56 ~ 75kHz	30 ~ 80kHz, 56 ~ 75kHz
Input/Output Connectors	VGA/DVI	DVI/VGA/Component/ AV/S-video	DVI/VGA/Component/ AV/S-video	DVI/VGA/Component/ AV/S-video
Mount Type	100 x 100mm VESA	200 x 200mm VESA	200 x 200mm VESA	
Power Supply	12v DC	230v AC	230v AC	230v AC
Normal Operation Power	<50W	<168W	<168W	<230W
Source Auto Detect		Yes	Yes	Yes
Operating Temperature	5° ~ 40°C	5° ~ 40°C	5° ~ 40°C	5° ~ 40°C
Display Diagonal	22"	26"	32"	42"
Optimum Viewing Distance	1.2 ~ 3 m	1.8 ~ 3.7 m	1.8 ~ 3.7 m	2.4 ~ 6 m
Perceived 3D Depth	0.3 m	0.45 m	0.5 m	0.6 m
Aspect Ratio	16:9	16:9	16:9	16:9
Display Resolution (WXGA)	1680 x 1050	1920 x 1200	1366 x 768	1920 x 1080
Dimensions (W x H x D)	503(W) x 418(H) x 240(D) mm	608(W) x 440(H) x 161(D) mm	793(W) x 483(H) x 94(D) mm	1018(W) x 610(H) x 124(D) mm
Weight	7.8kg	9kg	14kg	28kg



Additional Specifications:

Model:	42Enabl3D	22Enabl3D	26Enabl3D	32Enabl3D
3D Viewing Angle (Left/Right)	50°/50°	50°/50°	50°/50°	50°/50°
2D Viewing Angle	176°/176°	170°/160°	176°/176°	176°/176°
Brightness	661 cd/m ²	280 nits	350 cd/m ²	450 cd/m ²
Contrast Ratio	4000:1	1000:1	1500:1	3000:1
Response Time	6.5ms	5ms	8ms	6.5ms
Supported Colours	16.7M colours	TBD	16.7M colours	16.7M colours
Horizontal/Vertical Frequency	30 ~ 80kHz, 56 ~ 75kHz	30 ~ 82kHz, 50 ~ 75kHz	30 ~ 80kHz, 56 ~ 75kHz	35 ~ 65kHz, 56 ~ 75kHz
Input/Output Connectors	DVI/VGA/Component / AV/S-video	VGA/DVI	DVI/VGA/Component/ AV/S-video	DVI/VGA/Component/ AV/S-video
Mount Type	200 x 200mm VESA	100 x 100mm VESA	200 x 200mm VESA	200 x 200mm VESA
Power Supply	230v AC	12v DC	230v AC	230v AC
Normal Operation Power	<230W	<50W	<168W	<168W
Source Auto Detect	Yes		Yes	Yes
Operating Temperature	5° ~ 40°C	5° ~ 40°C	5° ~ 40°C	5° ~ 40°C
Display Diagonal	42"	47"	55"	57"
Optimum Viewing Distance	3 ~ 6 m	3.7 ~ 7.3 m	4 ~ 7.8 m	4.8 ~ 8.5 m
Perceived 3D Depth	0.6 m	0.7 metres	0.8 metres	0.98 metres
Aspect Ratio	16:9	16:9	16:9	16:9
Display Resolution (WXGA)	1920 x 1080	1920 x 1080	1920 x 1079	1920 x 1080
Dimensions (W x H x D)	1022(W) x 615(H) x 124(D) mm	1136(W) x 686(H) x 126(D) mm	1265(W) x 835(H) x 135(D) mm	1358(W) x 793(H) x 154(D) mm
Weight	30kg	40kg	55kg	136kg

• RX-W42: 42" Widescreen Full HD Display Screen

A full HD, full-featured 42" display protected by NeoV™ Optical Glass and Anti-Burn-in™ technology.

With a feature list as big as its 42" screen, the RX-W42 brings the ideal combination of size and specs to the professional AV environment. Review highly-detailed, smooth and accurate images on a bright Full HD display with AG Neovo's Advanced Image Platform™. Save costs and time by taking advantage of multiple video inputs and convenient Picture-in-Picture (PIP) options.

And thanks to protective NeoV™ Optical Glass, Anti-Burn-in™ technology, long-life screen and a durable metal frame, this display will be performing for years to come.

Features:

- 1920 x 1080 Full HD resolution
- 4000:1 contrast ratio
- NeoV™ Optical Glass
- Anti-Burn-in™ technology
- Smart Omni Viewer: PIP, PBP & VOV functions
- Built-in Image enhancer: 3D Comb Filter/Deinterlace/Noise Reduction
- Multiple video inputs (BNC in x 2, BNC out x 2)
- RS-232 for individual and multi-display control
- Horizontal resolution up to 630TVL (NTSC), 650TVL (PAL)
- Built-in HDCP allows HD-format video
- Power DC-out design to power connected peripherals
- Selectable aspect ratio for ultimate image: Native, Overscan, Underscan
- NTSC/PAL/SECAM video system support
- Quick signal-switching time (≤0.8 sec)
- IR remote control
- Durable metal housing
- VESA standard wall mount
- Rigorous screening of the components for mission-critical 24/7 applications



Specifications:

Model:	RX-W42
Panel -	
Panel Type	TFT LCD
Panel Size	42.0" (1067mm)
Max. Resolution	FHD 1920 x 1080
Pixel Pitch	0.48455mm
Brightness	450 cd/m ² (Typical)
Contrast Ratio	4000:1 (Typical)
Viewing Angle (H/V)	178°(H), 178°(V) (Typical)
Display Colour	16.7M
Response Time	6.5ms (GTG)
Horizontal resolution - TV Lines	630TVL (NTSC), 650TVL (PAL)
Frequency (H/V)	H: 24 ~ 82 kHz, V: 50 ~ 85 Hz
Input -	
VGA	15-Pin D-Sub
DVI	24-Pin DVI-D
CVBS	BNC x 2
S-Video	4-Pin mini DIN
Component(Y PbPr)	RCA x 2
Output -	
CVBS	BNC x 2
S-Video	4-Pin mini DIN
Audio -	
Audio In	1 x stereo audio in for PC (3.5Ø), 1 x stereo audio in for CVBS (RCA), 1 x stereo audio in for S-Video (RCA), 2 x stereo audio in for YPbPr (RCA)
Audio Out Speaker	1 x stereo audio out for CVBS (RCA) 2W x 2
Power -	
DC Output	12v, 350 mA, DC jack 2.5Ø
Power Consumption	100 ~ 240w, 50 ~ 60 Hz < (165) W (On), < (10) W (Off)
NeoV™ Optical Glass -	
Thickness	3.0mm (0.12")
Reflection Rate	<1%
Transmission Rate	>96%
Coating Hardness	>9H
Operating Conditions -	
Temperature	0 °C ~ 40 °C
Humidity	10% ~ 85%
Mounting - VESA FPMPMI	Yes (600 x 400 mm, 400 x 200 mm)
Dimensions -	
w/o base	1011(W) x 604(H) x 106(D) mm
w/ base	1011(W) x 667(H) x 190(D) mm
Weight -	
w/o base	27.0 kg
w/ base	28.4 kg
Accessories	User manual, 15-Pin VGA cable, 24-Pin DVI cable, power cord, audio cable, IR remote control



NeoV™ Optical Glass protects against scratches, impacts and other physical damage



Viewing versatility with Picture-in-Picture (PIP), Picture-by-Picture (PBP) and Video-on-Video (VOV)



Anti-Burn-in™ technology prevents image sticking



Durable metal casing for enhanced strength and secure mounting

- **DS-42A22:** 2 x 2 Multi-Screen Video Wall System
- **DS-42A33:** 3 x 3 Multi-Screen Video Wall System
- **DS-42A44:** 4 x 4 Multi-Screen Video Wall System
- **DS-42A55:** 5 x 5 Multi-Screen Video Wall System
- **DS-MSC:** Multi-Screen Controller



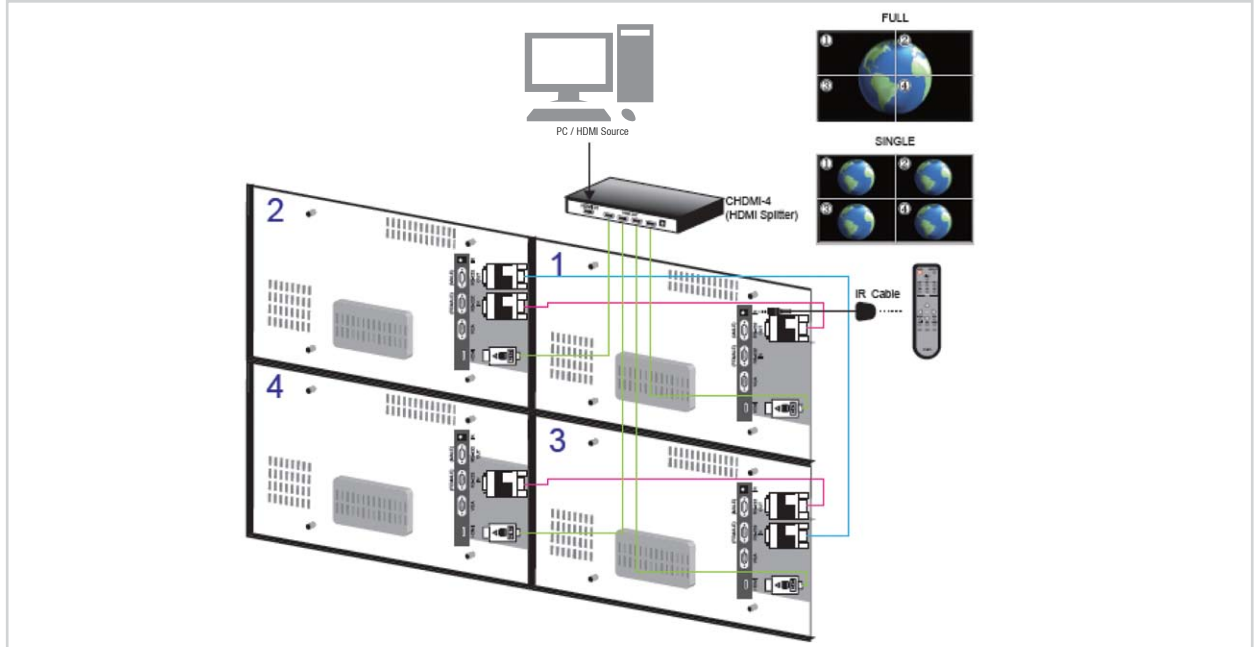
Flexibility is the key to the CYP Digital Signage Solutions. There are three standard packages which provide a complete system solution for many commercial applications. The packages include a Single 42" screen option, 2x2, 3x3, 4x4 and a 5x5 complete digital signage system.

All CYP screen packages include built-in control modules and use the latest LED technology with screens operating at full HD resolutions of 1920 x 1080P, with bi-directional RS-232 control functionality enabled.

All package solutions are supplied with a full mounting system to enable the installer to secure the system to any wall or display area.

Features:

- Supports 4-Screen (2 x 2), 9-Screen (3 x 3), or 16-Screen (4 x 4), or 25-screen (5 x 5) video wall panel combinations
- Supports Full HD 1920 x 1080 resolution LCD panels
- Full two-way RS-232 Control
- Horizontal or Vertical Screen Orientation (both Mounting Kits available)
- Single Image or Independent Split Screen Images
- Independent Controller available for integration with third-party Screens
- 10mm Bezel
- ALSO AVAILABLE IN 47" 6mm Bezel option: Contact for details



Specifications:

DS-MSC (Multi-Screen Controller)	DS-42A22	DS-42A33	DS-42A44	DS-42A55
For use with third party screens to emulate a video wall. This controller will control the digital signage content for each screen on a video wall system using up to 16 screens. One controller is required per screen. If the user has only one HDMI or VGA source, then an appropriate Distribution Amplifier will be required to split the source signal to each of the Multi-Screen Controllers.	2 x 2 Video Wall System 4 x 42" 1080P LCD Screens (with HDMI & VGA Connections) 4 x Wallmount Kit 1 x 4-way splitter 1 x IR remote and cable	3 x 3 Video Wall System 9 x 42" 1080P LCD Screens (with HDMI & VGA Connections) 9 x Wallmount Kit 1 x 10-way splitter 1 x IR remote and cable	4 x 4 Video Wall System 16 x 42" 1080P LCD Screens (with HDMI & VGA Connections) 16 x Wallmount Kit 1 x 16-way splitter 1 x IR remote and cable	5 x 5 Video Wall System 25 x 42" 1080P LCD Screens (with HDMI & VGA Connections) 25 x Wallmount Kit 2 x 16-way splitter 1 x IR remote and cable