

BlueBird



A complete **media** to screen solution

displaying and manipulating high-resolution video for the installation and display markets.



4K+, up to 12 Megapixels in any shape or aspect ratio



4 Outputs featuring advanced output mapping to drive unusual display setups



Optional DVI/HDMI or HD-SDI input for overlay of external sources



SMPTE Timecode to lock video to external sync sources

With the ability to playback media at resolutions of up to 12 MegaPixels whilst supporting high frame-rates and in exceptional quality, it would be easy to focus on the exemplary way in which BlueBird delivers media to a wide variety of displays. Yet this 2U rackmount unit is so much more than just a player. In keeping with all products in the AVIary Video Tools range, BlueBird is a complete media to screen solution, performing tasks usually handled by a series of devices, eliminating the need for video-wall controllers and signal processing equipment and all within a custom designed chassis.

Key Features



4K+ / 12 Megapixels

Content up to 12 MegaPixels, can be mapped onto multiple HD streams and routed to almost any display configuration.



External Control

Rarely real-time video players and processors are used in isolation so integrating them into a set of components is key.



FlexRes Codecs

AVIary Video Tools products store their local content in one of four Codec variants to ensure smooth and accurate playback.



Input / Graphics Overlay

All units support a choice of input cards that allows live video and graphics to be fed into the system.



Interactivity

Host interactive and generative bespoke software that can simply be loaded as yet another video source.



Networking and Remote Control Application

AVIary products all support a remote control interface that can be deployed onto any Win7/8 PC, laptop or tablet.



Output Manager

Our output management system offers complete flexibility in system configuration.



Real-time playback and image processing

AVIary's powerful on-board real-time processing engine allows users to instantly select media and change many parameters in real-time.

Hardware

BlueBird's 2U rackmount chassis has been designed with hands-on use as a priority. In keeping with all products in the AVIary Video Tools range, BlueBird is a complete media to screen solution, performing tasks usually handled by a series of devices, eliminating the need for video-wall controllers and signal processing equipment and all within a custom designed chassis.





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Media Processing

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Playback	up to 12 megapixels Still images Playlist Overlay with MixModes and Transparency support
Media Management	FlexRes Codec Ingest from common formats
Output Processing	Freeform placement of outputs on video canvas Debezel, rotation, scaling

System Connectivity

Output Connector	4 x DisplayPort 1.2
Audio Out	Stereo Out 8 channel option via MOTU 828x
Live Input (Optional)	2 x DisplayPort 1.2 DVI/ HD-SDI / Composite 2 x DVI 2 x HD-SDI
Internal Drive Storage	500GB SSD
System Drive	SSD
Networking	2 x Gigabit Networking
Device Control	TCP / IP

Hardware Specifications

Mounting system	2U
Size (mm) w x d x h	480 x 470x 90
Weight	12kg
Power Consumption	500W (Max)
Voltage	100 - 250V 50/60Hz Auto Sense
Operating system	Windows 8 Embedded
Optional Modules	Watchfolder VideoMapper Sync (Master / Slave, SMPTE)