

StudioCast

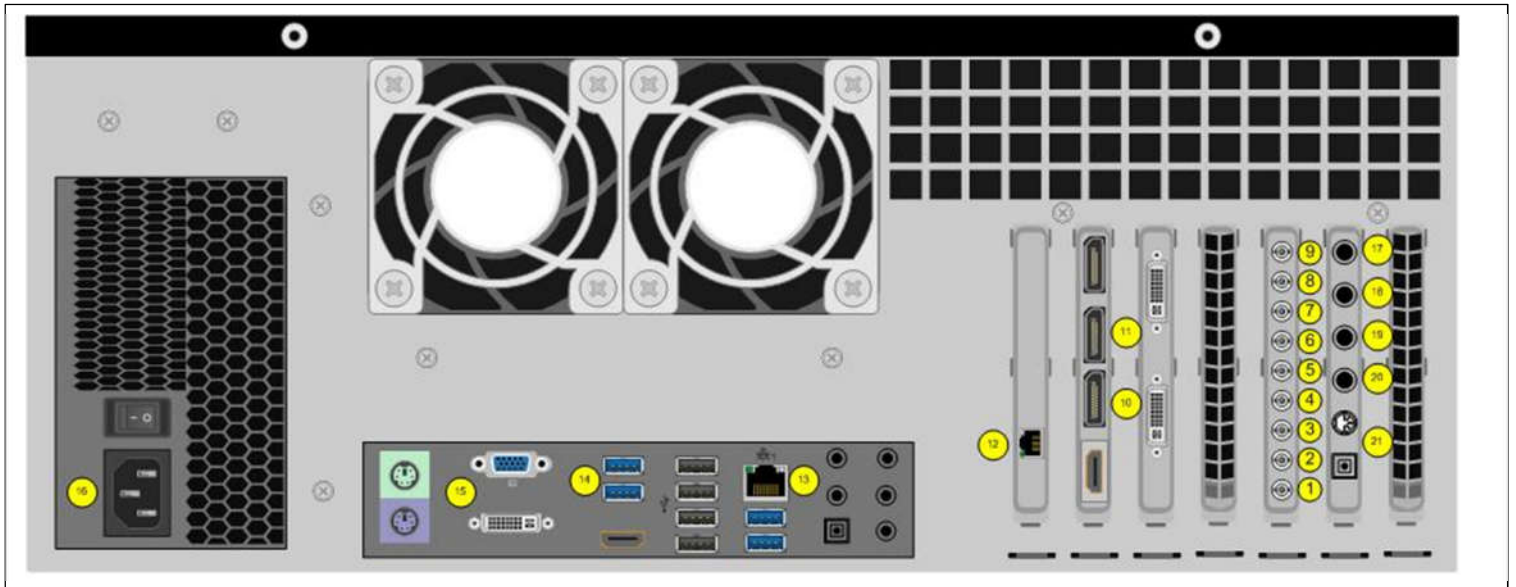
STUDIOCAST FEATURES



"Studiocast offers turnkey video systems fully automated for your Radio Station. Make the video capture of your emissions or event easier, helped by an intelligent voice detector and analysis in real time. You can live stream your program 24/7 on the Internet. Insert your on-air video templates and logo dynamically. You can accompany your video with RSS feeds, Twitter, Facebook and others..... "

StudioCast - Parc du Moulin – 77680 Roissy en Brie – France
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1) MULTIMEDIA LIVE SWITCHER HD WITH 8 I/O SDI AND MEDIA PLAYER, AUTO IP



1. SDI Sync	12. Network 1, mixer interface/PTZ remote,streaming network Preferred for AOIP
2. SDI IN/Out 1 caméra 1	13. Network 2 mixer interface/PTZ remote,streaming network
3. SDI IN/Out 5 caméra 5	14. keyboard,mouse,various devices
4. SDI IN/Out 2 caméra 2	15. VGA DVI,HDMI from motherboard is not use
5. SDI IN/Out 6 caméra 6	16. Power supply 110-240V
6. SDI IN/Out 3 caméra 3	17. Analog input sym Left
7. SDI IN/Out 7 caméra 7	18. Analog input sym Right
8. SDI IN/Out 4 caméra 4	19. Analog output sym Left
9. SDI IN/Out 8 caméra 8	20. Analog output sym Right
10. Video Output 1	21.Digital audio in/Out
11. Video Output 2	

StudioCast

2) CAMERA HD1080P, X 12 OPTICAL ZOOM, SDI, IP PTZ VISCA CONTROL



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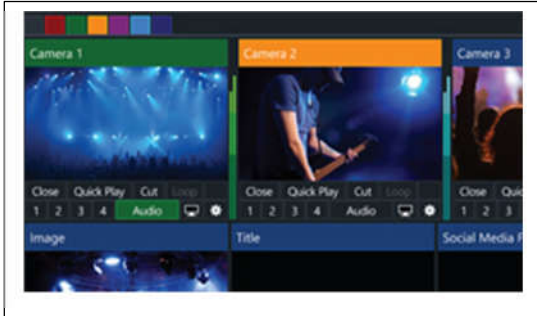
Image Sensor	1/2.8" Progressive CMOS
Effective Pixels	3.5 Megapixels
Resolution HD	1080p60/50, 1080i60/50, 1080p30/25, 720p60/50
Signal System	PAL/NTSC
Lens	20X optical zoom, f=4.7mm(wide angle end)~94.0 mm(far end)
Horizontal View Angle	58.7°(W)~3.2°(T)
Focus System	Auto/Manual
Minimum Illumination	0.5Lux
Exposure Control	Auto/Manual/Priority AE/Exposure Compensation/ Bright
Shutter Speed	1/1~1/10,000s
Gain	Auto/Manual
White Balance	Auto/ Indoor/Outdoor/Manual
Image Effect	Full color/black and white/Electronic flip
S/N Ratio	≥50db
Pan	355°(max. speed:80°/s)
Tilt	-30° to +90° (max. speed: 60°/s)
Preset Position	9 preset positions by IR remote controller, 255 preset positions by Keyboard
Output	HD-SDI
Output	USB2.0
Control Protocol	SONY VISCA, PELCO P/D, IP
Control Mode	RS-232C, RS-422/485
Power	12V DC(10.8~13.0V DC)
Power Consumption	Max. 30W(DC 12V)
Operating Temperature	0~40° C
Storage Temperature	-20-60° C
Dimensions	(L)170×(W)150×(H)190mm
Weight	1550g
Color	Black/White
Accessories	DC 12V power adapter, IR Remote, Operation manual, RS-232C Cable, DVI adapter, YPbPr/HDMI cable, Ceiling bracket

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3) STUDIOCAST LIVE PRODUCTION SOFTWARE FEATURES

3.1) All your inputs in one place



Video Cameras - 4K, HD and SD capable. Support for Webcams and capture cards.

NDI™ - Send and receive high quality, low latency video and audio on the local network between vMix systems and any NDI compatible sources.

Video Files - Support for all popular formats including AVI, MP4, H264, MPEG-2, WMV, MOV and MXF.

DVDs - With menu navigation

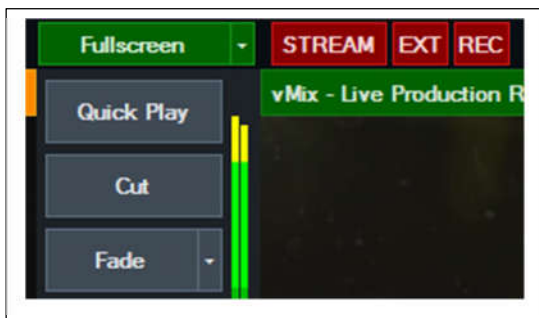
Audio Files - MP3 and WAV

Audio Devices - Mix multiple audio sources such as SoundCards, ASIO Audio Interfaces and capture card audio

Video and Audio PlayLists - Combine multiple video and/or audio files into a single Input

Web Browser, RTSP, PowerPoint, Photos, Solid Colour and more.

3.2) Simultaneous Streaming, Recording, and Output



Live stream to your favorite streaming providers including Facebook Live, YouTube, Periscope and Ustream. (3 Streams to 3 providers in the same time)

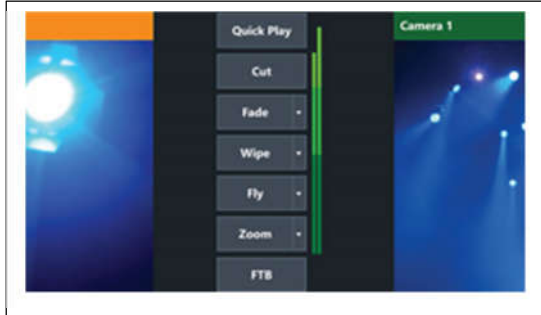
Live Record in full HD to AVI, MP4, MPEG-2 or WMV

Output via Blackmagic card to professional recording decks and monitors

Virtual Camera support for streaming out to 3rd party software such as Skype, Zoom, Google Hangouts and VLC.

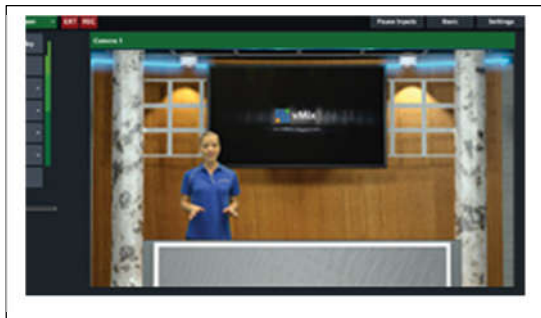
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3.3) 13 Transition Effects



Cut, Fade, Zoom, Wipe, Slide, Fly, CrossZoom, FlyRotate, Cube, CubeZoom, Vertical Wipe, Vertical Slide and Merge transitions available with 4 customisable transition buttons for easy access to your favourite effects.

3.4) HD Virtual Sets with high quality real-time Chroma Key

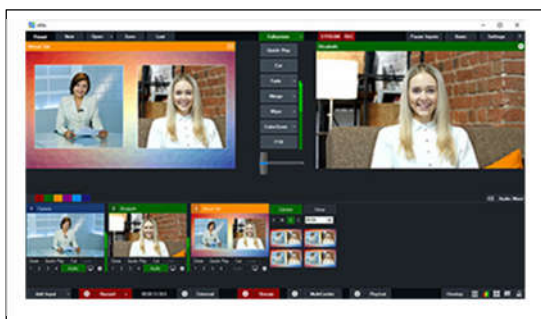


Built In Virtual Sets - Or build your own

Full Motion Zoom - Customisable camera position presets

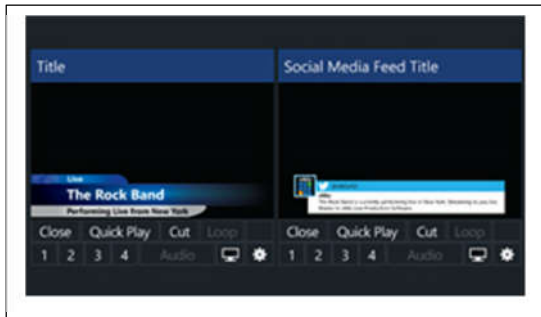
High Quality Chroma Key - Use with or without virtual sets to suit your production needs

3.5) Add up to 8 remote guests quickly and easily



The easiest way to add guests to your StudioCast. Call allows anybody with a browser and webcam to become an instant guest!

3.6) Built-In Title Templates



Easily add and edit a Title or ScoreBoard from the many built in templates or build your own using any Graphics or Vector editing software.
Adjust Text, Font Size and Colour and Real-Time with instant updates.

3.7) Video Delay / Instant Replay



Create a Video Delay input and assign it to any available Camera or Output
Save multiple Video Clips of notable events for playback at a later time
Configurable slow motion playback from 5 to 400%
Full four camera slow motion instance replay also available

3.8) Built-In Audio Mixer



Audio Mixer allows you to easily keep track of all audio sources and includes the ability to Mute, Follow (Auto Mixing) and Delay any source.
A VU Meter is also included with a peaking display to ensure each inputs level is broadcast ready.
Fine tune every audio source with built in EQ, Compressor and Noise Gate effects

StudioCast

3.9 Live Video Effects



Colour Correct, Deinterlace, Sharpen, Zoom, Rotate, Pan and Crop any input in real time. All effects are processed in 4:4:4 32bit colour space for optimal video quality.

3.10) Multi View



Combine multiple inputs together using the different "Multi View" presets or customise the position of each element with the available Zoom, Pan, Rotate and Crop controls.

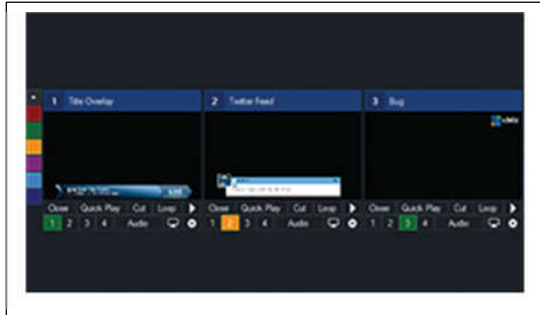
3.11) Full NDI Capabilities



StudioCast allows you to send **and** receive NDI sources to any other NDI compatible device. Use NDI to transmit your output, cameras, audio and graphics across your local network. Connect StudioCast to your favourite NDI program or device such as Caspar CG, NewBlue Titler, Adobe CC and many more.

StudioCast

3.11) 4 Overlay Channels



StudioCast includes 4 Overlay Channels in addition to the Multi View feature. Each overlay channel can have its own transition effect, position and border.

3.12) Touch Screen Web Interface



Control StudioCast remotely using the **StudioCast Web Controller** on your Surface, iPad, iPhone, Android or other touch screen device using the built in web interface. Customisable shortcut buttons can also be created to activate common production scenarios.

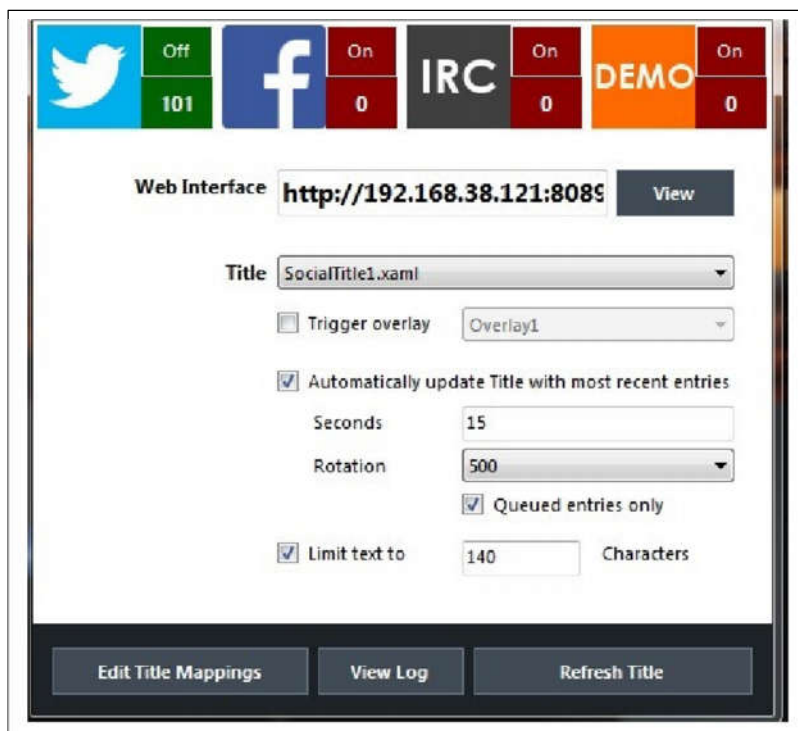
3.13) Live Record in full HD to AVI, MP4, MPEG-2 or WMV

Recording the final program with the ability of that each camera recorded individually, for use in post-production.

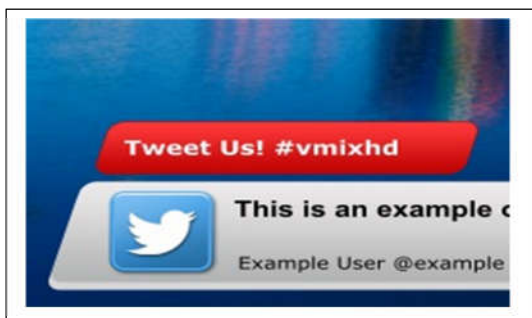
4) STUDIOCAST SOCIAL

4.1) Select Social Media content with any web browser

View a live Twitter feed based on Search, Home Timeline, User Timeline or Favorites, view Facebook comments, view Instagram Hashtags and User Timelines or view messages from any IRC chatroom. Content can be viewed and approved via any web browser including Tablets and Smart Phones



4.2) Use the included Social Title templates or design your own



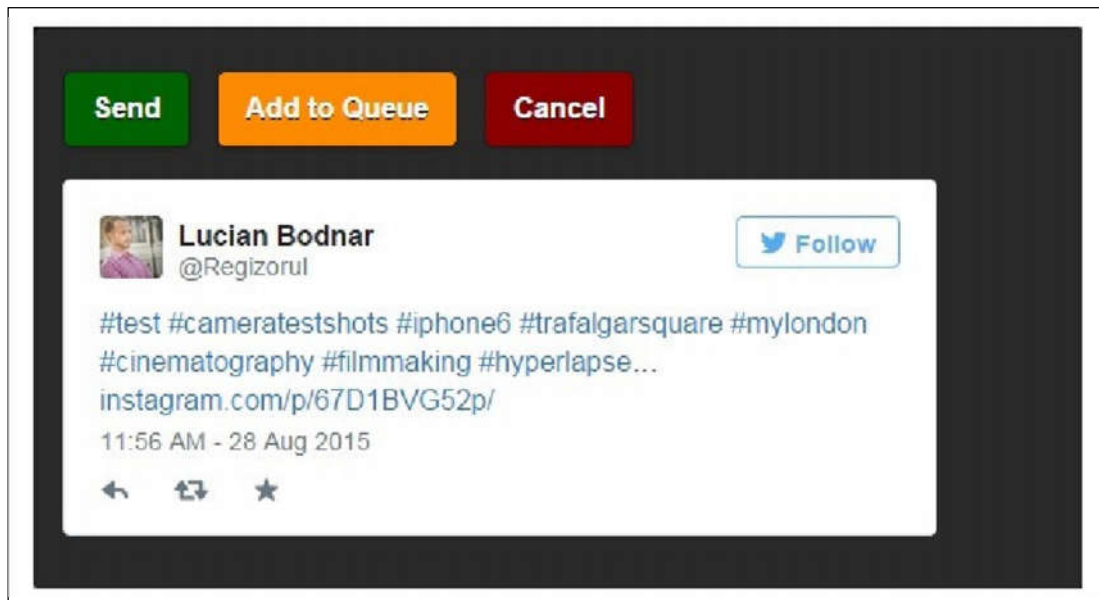
Each template allows you to display content such as Name, Message and Photo. StudioCast also includes a Title Designer to design your own.

StudioCast

4.3 A web moderation interface is accessible from any device or browser:

Source	FromPhoto	FromName	Message	Created
		shitcunt	RT @jordan12_m @_MickeyPreedy finding out if you are the real dad or not is tough #DNA #Test #Dad	28 août 2015
		Jobs Engineering Mou	Google is hiring a #Test #Engineer (Glass), apply now! #MountainView #jobs http://t.co/cJQBE6m1VU http://t.co/MEng9R3KLJ	28 août 2015
		japan - newsdict	Many psychology studies fail the replication test - News in Science (ABC Sci... http://t.co/yPFRqZKY53 #newsdict #news #test	28 août 2015
		Engineering Philly	Check out this #job: #Test #Automation Engineer at E PRO in #Philadelphia #jobs http://t.co/X2m6inUGUC	28 août 2015
		scoyo	Juhu, wir sind #Testsieger bei getestet.de! Online-Lernplattformen im Vergleich: http://t.co/4o1gqQ8zMi #Test #Onlinelernen #lernen	28 août 2015
		Obvly	Photo: http://t.co/48HRc3uR2U #Test More than 80 species of #lemur exist on the island of Madagascar,... http://t.co/A8WHqsCJqx	28 août 2015
		Peter Sieverth	Betriebliche Altersvorsorge #Test 2015: Öko-#Test mit scharfer Kritik http://t.co/YsYVjrCJIZ	28 août 2015
		Ameena Asif	#Phatboy says How about negative scoring in #Test matches, deduct a run for every 3 dot balls faced by a batter @cricket #ICC	28 août 2015
		black the fall	RT @Olivier__Cesar: @BlackTheFall One word, just one word: BEAUTIFUL!!! #blackthefall #demo #test #videogames #sandsailorstudio http://t.co/...	28 août 2015

This allows you to see the messages scrolling, sending them to the image on StudioCast instantly or adding them to a list of pre-selected messages.



5) AUTOMATIC SWITCHING BY VOICE DETECTION

Every moment our automatic realization algorithms analyze the level of each microphones in the studio and select the best plan.

5.1) PTZ Camera Control

Save and recall the cameras positions. Piloting in RS and IP / Sony Visca protocol / Panasonic IP / Pelco-D /

5.2) Interface for analog, digital and IP mixers

Fader start / bidirectional logic interface with other mixers / Audio interface with digital consoles. Optional our StudioCast bridge for analog consoles.

5.3) Interaction with most Automation systems

Interaction with most automation systems to trigger different graphics Elements, automatic recordings, or any other system function.

StudioCast's automatic realization algorithm manages fader starts as well as mic levels. StudioCast is interfaced directly through IP with the AEQ, AXIA, DHD ,Wheatstone, Studer, Lawo mixers, via Dante, via AES 67 or via its optional audio bridge to connect to any other analog console.

StudioCast automatically selects the most suitable camera angle, manages tight planes or wide planes. In order to avoid untimely switching when several speakers talk simultaneously, the system alternates wide shots or "picture-in-picture" type compositions where several cameras appear simultaneously. StudioCast it developed this algorithm specifically so that it reflects human operation as closely as possible in order to guarantee video coverage of each speaker.