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IQ vPilot Datasheet

IQ vPilot AI Driven Automated Studio

Multi-camera studio creating professional productions without the need for camera people or director

vPilot is an automated studio system utilizing the power of Artificial Intelligence (AI). It is a studio set-up that does not require camera people or an onsite director but designed to create visually compelling content. Ideal for lower cost studio productions, vPilot can be utilized for a range of production requirements including studio round table discussions, news delivery, speaking events and corporate communications. vPilot uses the power of AI to direct the cameras and to automatically direct the shots based on who is talking and their importance within the discussion.

Productions can include graphics, dynamic ticker tape, overlays and video insertions which can be simply inserted by the talent via the easy-to-use vPanel. The director set-up is part of the management platform where it is possible to configure preferences based on the directors needs.

Ideal for:

- o Budget and emergency News Studios
- o Radio Stations looking to web-stream
- o Professional Live Webinars and Live podcasts
- o Corporates providing professional TV communications
- o Live Events on stage streaming to social media/screens
- o Low cost broadcast productions such as podcasts

What does vPilot include:

vPilot is a server based system that is installed locally with its own intuitive GUI. It includes 3D scanners and brackets. It is possible to use external third party VISCA compliant HD-SDI based PTZ cameras and IP based microphone systems, or these can be supplied as a full integrated end-to-end system including cabling and IP switching based on specific needs.

Key features

- o Camera selection driven by AI and audio combination
- o Cameras can follow people via 3-D scanners
- o Support up to 8 cameras
- o Config GUI for Director Preferences
- o Create compelling productions without need of director
- o AI or Manual Override feature
- o Several cameras on 1 person for different views
- o External cameras and external guests can join
- o Static Graphical Logo Overlay
- o Dynamic Ticker Tape Overlay
- o Automated face recognition and auto name overlay
- o vPanel option allowing talent to easily direct if required
- o Full management platform
- o Choice of audio set-ups
- o Mobile & Easy to set-up



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vPanel

vPanel is an easy-to-use control box that can be used in conjunction with the vPilot system.

It is a major asset to any production where it can be used by the talent in real time to simply add overlays, or ad inserts such as images or videos to the live production. vPanel also allow manual control of the vPilot system.

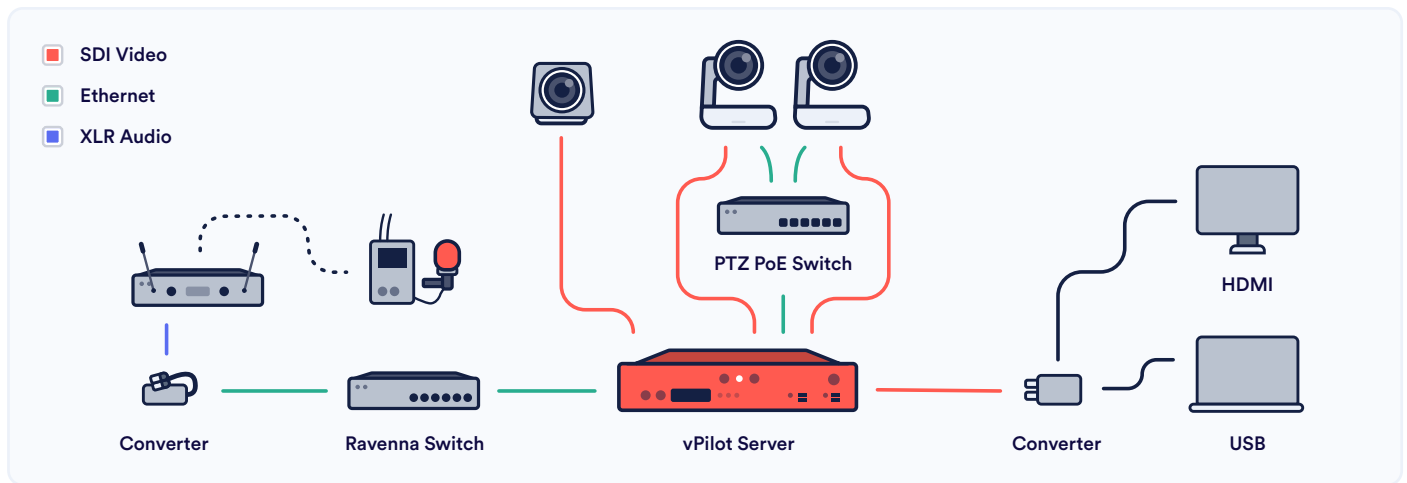


It allows the selection of individual cameras and overrides the AI, but also allows the control of an external camera or external streams as desired. All images and video can be uploaded for use with vPanel remotely via the vPilot administration system. The system will change the icon between each button to show the graphic it represents for ease of use.



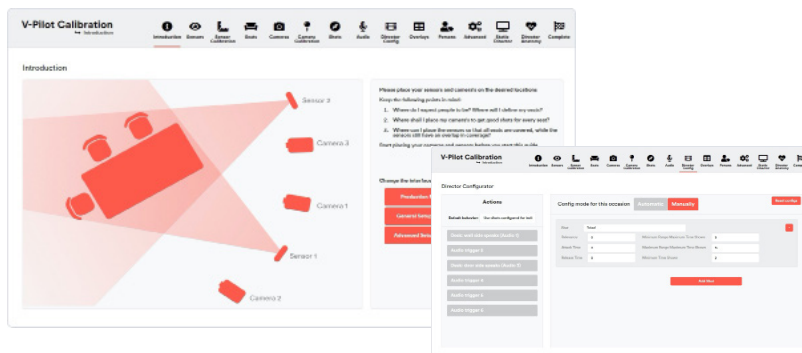
- Graphic Overlays and Insertions
- Video Insertions
- Camera override over AI
- Insert external cameras and guests
- Presentations

vPilot Basic Set-up



Management GUI

The vPilot GUI is an easy-to-use management platform that operates under a browser and comes free with the system. It allows for the initial configuration and calibration of the system. It can create “seats” which defines the areas of specific presenters, does audio configuration, allows the upload and display of graphical overlays, can be used to set up the vPanel feature for adding images and video inserts to any presentation, and can add facial recognition for automated name overlays based on who is appearing.



One of its main features is the “Shots” and “Director Config” that allows the user to add director features by defining the types of shots required and how those preferences are automatically managed by the AI platform when creating the live show.

Specifications

vPilot Server (included)

2U x 19”, 100–240V (Dual power supply option)
SDI connections: 8
Ethernet Connections: 3 (internet, audio, scanner)

PTZ Cameras (option or bring-your-own)

Can be supplied (Avonic / Panasonic)
Visca compliant cameras - camera subject to verification
HD-SDI - 1080i/1080p

Brackets (included)

Brackets to hold scanners to cameras - supplied

Scanners (included)

3D Scanners – minimum 2 supplied (room dependent)

Audio (option or bring-your-own)

Up to 30 channels (Dante / Revenna / AES67)

Microphones (option or bring-your-own)

Can be supplied

Required Network Switches (option or bring-your-own)

2 (audio and scanners)

Cables required (option or bring-your-own)

Optional - SDI (camera), RJ45 (option)