

POWERED BY AI

IQ Sports Producer

Create live professional sports productions without onsite camera team

Record

Live stream

Highlights

Multi streams

Social media

Professional broadcast



IQ-Sports Producer (IQ-SP) is a leading AI system that automates a televised professional sports production but without the need of a camera team or director. Ideal for sports games that don't have the capital and production resource of the major leagues, it is ideal for tier 2 leagues, sports rights holders, colleges and schools as well niche sports events. It can be utilized by major clubs for training sessions, U21, U18 and other grass roots games where budget constraints prevents a full on-site production and outside broadcast team.

At the heart of the system is the IQ Artificial Intelligence (AI) engine that can follow the action either outside on the pitch, or indoors on the court. IQ-SP can be used remotely to live stream and record games and includes many features that you would expect for a compelling viewing in a professional match including score board, time, highlight detection and replays. At the end of the game, IQ-SP has the ability to automatically create an edit of the highlights as a summary of the match.

From live streaming on social media to live payout at a traditional broadcaster, IQ-SP can be acquired with an array of options for a variety of budgets. From high schools to major production companies and national broadcasters, IQ-SP can reliably create multiple live streams with compelling content that can be used by online platforms with IP workflows, or for high quality productions by traditional national broadcasters needing HD-SDI workflows.

Sports supported

Mix of indoor and outdoor including soccer, football, rugby, basketball, handball, ice hockey, futsal, netball, hockey. More sports are currently in training.

LinkMatrix Management

Cloud based portal for complete remote management. Includes clipper for social media postings, scheduler, overlay control, destination selection, social media decoding and streaming.

Features

- **Main camera:** 2 or 4 x 4K cameras stitched and de-warped (All field-of-play is captured and recorded)
- **Playout:** Social media / CDN (Cloud, RTSP, RTMP), HD-SDI (Decoder required)
- **Onsite setup:** Template / 1 hour (once only per site) on local IQ-SP server
- **Video streams:** 5 (Primary AI stream + 4 manual defined streams) – live stream or recreated from recording
- **Zoom feature (options):** AI can create 2 streams of action, standard view and zoomed on action
- **Scoreboard:** Overlay (auto via OCR / manual via LinkMatrix portal)
- **Time:** Overlay (auto / manual)
- **Graphics:** Static and HTML
- **Storyboard template for match:**
 - Team logo's, team names
 - Content to play at the start, during half-time and end of the match
- **Side Cameras:** Up to 2 additional (1x 4K) cameras placed anywhere (AI can automate between them)
- **Remote Management:** LinkMatrix — including Clipper, Calendar (scheduler), multiple destination selection
- **Social Media:** Cloud decoding Facebook and YouTube
- **Recording:** Locally or in cloud
- **Support:** 24x7
- **Data:** Geospatial export for 3rd party training tools

Audio options

We offer 2 options for audio options. Build-in microphones of the camera or an additional array microphone for a real surround audio experience of for more reach of the microphone gain.



Addition Audio Array



Built in microphone

Playout

Choice of workflows:

Cloud based

Cloud based decoder that can push steam to social media or CDN's

Decoder

2KX decoder that can create up to 4 HD-SDI streams at receiving end, also supports IP outputs

Specifications

- **IQ-SP Server:** 19"x 2U -100GigE
- **Server Video Output:** 20MB/sec (up to 5 streams) – decoder required (cloud/on-premise)
- **Server Power:** 100 – 240V – dual power supply option
- **Panoramic Camera:** 2/4x 4K (32MP or 64MP) – Power over Ethernet (100GigE)
- **Audio options:**
IQ-xCam: audio array or built in microphone
Basic 4x4K: audio connector for external microphone
- **Height of camera:**
Basic 4x4K: 8m high, 0-15m
IQ-xCam: 0-50m from pitch (AI zoom function)

Camera options

The camera option depends on the field of view and budget of the project.

IQ-SP supports 4 different camera types:



IQ-xCam 4x 4K (60fps)
Broadcast solution (SDI)



IQ-xCam 2x 4K (60fps)
Broadcast solution (SDI)



IQ-xCam 1x 4K (60fps)
Broadcast solution (SDI)



Basic 4x 4K (30fps)
Webstreaming solution

IQ-SP Platform Workflow broadcast



IQSP Packages Depending on budget and requirements

	Lite	Pro	Premium
Camera	Basic 4x4K	Basic 4x4K / IQ-xCam (2c)	IQ-xCam (4c)
IQSP Server (included)	19" 2U Lite Server	19" 2U Pro Server	19" 2U Premium Server
Multicamera streams	1 (Only AI)	Up to 5	Up to 5
Multicamera operation with side cams	✗	✗	✓
Manual camera control and tracking	✗	✓	✓
Zoom virtual camera for close ups	✗	✓	✓
Automatic replacement or insertion	✗	✓	✓
Stitching, Image correction and de-warping	✓	✓	✓
Automated director (AI)	✓	✓	✓
Livestreaming to other outputs	1 Channel	Unlimited	Unlimited
Remote management and control	✓	✓	✓
Sports supported	1 per system	Unlimited	Unlimited
Hours included per month per system	20	Unlimited	Unlimited
Recording	Local 128GB	Local & Cloud 128GB	Local & Cloud 128GB
Support dedicated decoder hardware	✗	✓	✓
IQ Calendar (Online scheduler)	✓	✓	✓
Media assets (pre-roll, post-roll etc)	✗	✓	✓
Commentary	✗	✗	✓
Clipper manual	✓	✓	✓
Clipper automated	✗	✓	✓
Scoreboard manual	✓	✓	✓
Scoreboard automated	✗	✓	✓
Highlights manual	✓	✓	✓
Highlights automated	✗	✓	✓