VISLINK

CAMERA

xCam

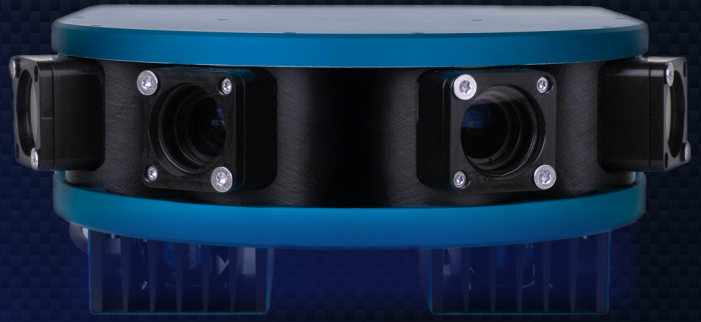## Panorama Camera

xCam is a high-quality 180-degree panoramic broadcast camera designed to be an integral part of Vislink's IQ Sports Producer solution. IQ Sports Producer is an automated AI-powered system that enables professional sports production without requiring an onsite camera team or director. xCam features ultra-high resolution image sensors, high frame rates and impressive zooming capabilities that allow action to be captured as it happens on the field of play.

Available with two or four 4K cameras in each housing, xCam captures panoramic images at a full 60 frames per second to meet the demanding requirements of high-end productions. It features advanced iris, lens alignment and zoom controls to create the optimal panorama picture of a sport pitch without wasting pixels, regardless of the distance from the camera to the pitch. In addition, its intelligent iris control allows the camera to face the sun without causing overexposure and will create a picture with equal lighting across the entire length and breadth of the pitch.

xCam was engineered to be highly durable and weatherproof, making it ideal for use in challenging operating environments.

Key Features

Supports multiple frame rates

UHD-compatible image sensor

HDR-ready

H.264/265 video compression

25-60 fps frame rates

Max 18x optical zoom

Ceiling, wall and pole mounting options

Full remote operation using LinkMatrix control system

Typical Applications

Soccer

Basketball

Ice Hockey

Field Hockey

Horse Racing

Dog Racing

xCam Datasheet

Technical Specifications	
Camera	
Number of Cameras	4 x UHD (Ultra-High-Definition)
Resolution	UHD per camera
Frame Rates	
Supported Frame Rates	25 fps, 30 fps, 50 fps, 60 fps
VIdeo Compression	H.264/265
Optical Zoom Options	
xCam	5x Optical Zoom
xCam Zoom	18x Optical Zoom
Imaging & Optics	
Lens Type	Optical Zoom Lenses
Field of View	Wide-angle 180 degree panoramic view with zoom capabilities
Image Sensor	UHD (Ultra High Definition) Compatible, HDR (High Dynamic Range) ready
Correction Mode	Fixed or Follow mode
GUI Control	
Zoom and Focus	Adjustable via GUI
Image Settings	Brightness, contrast, saturation adjustments via GUI
Camera Settings	Auto Exposure Anti-banding Mode, Auto Exposure Lock, Auto White Balance (AWB) Mode, Denoise Mode, Denoise Strength, Digital Gain Control Range, Exposure Compensation Control, Exposure Time Control, Gain Range, White Balance Gain Control
Audio	Built-in stereo microphone
Connectivity	
Interfaces	IQSP-compatible interfaces for seamless integration; UTP for network and video transmission
Network Options	Ethernet
Build & Design	
Construction	Durable, weather-proof design
Mounting Options	Ceiling, wall, and pole mounting options
Power	
Power Supply	Standard power input (details specific to model and region)
Environmental	
Operating Temperature	-20°C to 50°C (-4°F to 122°F)
Weather Resistance	IP66/IP67-rated weather-resistant construction
Dimensions and Weight	
Dimensions	**Length:** 320mm or 350mm; **Width:** 220mm; **Height:** 110mm or 130mm
Weight	7kg (xCam); 7.5kg (xCam Zoom)
Additional Features	
Software Compatibility	LinkMatrix controllable