

V LBVR

O R I G I N



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Purpose-built for location based VR developers, ViperX makes fully immersive and interactive entertainment experiences easier than ever to create.

V I P E R X

Origin LBVR at  
Unprecedented Scale

VICON

# ORIGIN LBVR AT UNPRECEDENTED SCALE

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Purpose-built for location based VR developers, ViperX makes fully immersive and interactive entertainment experiences easier than ever to create.

LBVR developers can create bigger, warehouse-scale experiences, for the ultimate in real-time, immersive game-play.

With low latency from cluster to camera, and precise, single-camera tracking, ViperX allows you to achieve full 3D coverage with minimal devices.

With an increased tracking range, camera count can be reduced by a third by mixing ViperX and Viper cameras.

The highly precise tracking algorithms mean players and props are exactly where the players expect them. Players are able to pick up an object the first time, every time and see exactly what all other players are doing.

System AutoHeal delivers more consistent and precise in-game tracking, providing seamless healing of bumps and camera movements using participants in-volume.

Customizable pattern support enables tracking of up to 70 Pulsars on free-room objects in real time plus unlimited Novas.

ViperX is part of the fully active Origin system, using wearable smart tracking devices that are controlled wirelessly from the software providing everything needed for LBVR.

Go create!

## VIPER X



### VIPER X



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Contact us today to book a demo or find out more.  
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Technical Specifications	VIPER	VIPER X
RESOLUTION (MP)	2.2MP	6.3MP
MAX FRAME RATE (Hz)	240	240
RANGE	8m	18m
ON-BOARD MARKER PROCESSING	Yes	Yes
STANDARD LENS	6.5mm	12.5mm
MINIMUM STANDARD FOV (H x V)°	81.8 x 49.4 deg	50.2 x 50.2 deg
CAMERA LATENCY	3.2ms	3.2ms
SHUTTER TYPE	Global	Global
CONNECTION TYPE	CAT6a FTP / RJ45	CAT6a FTP + Ferrite
POWER	PoE	PoE+
MAX POWER CONSUMPTION	6W	17W
DIMENSIONS (mm) (H x W x D)	80 x 80 x 70mm	166.2 x 125 x 134.1
WEIGHT	280g	1.4kg
UPDATEABLE FIRMWARE	Yes	Yes
MOUNTING	3/8" threaded camera mount	

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