

# SUPERNOVA

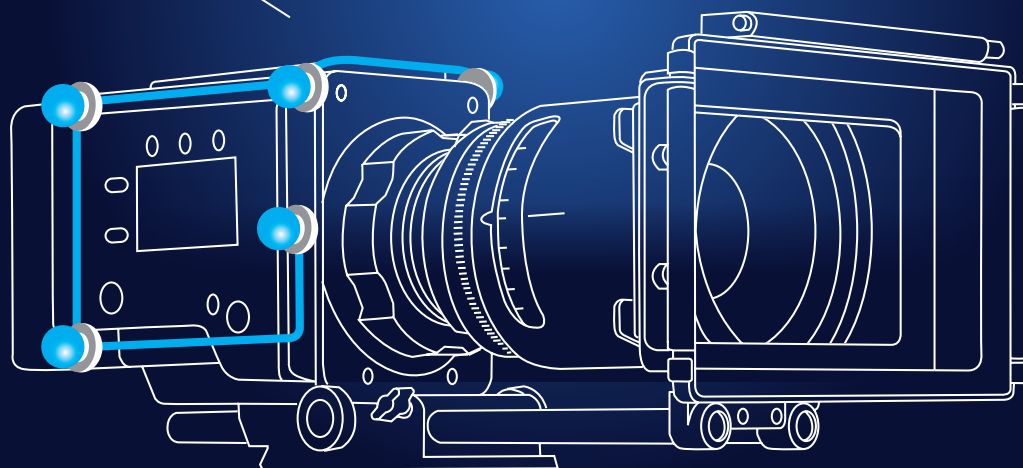
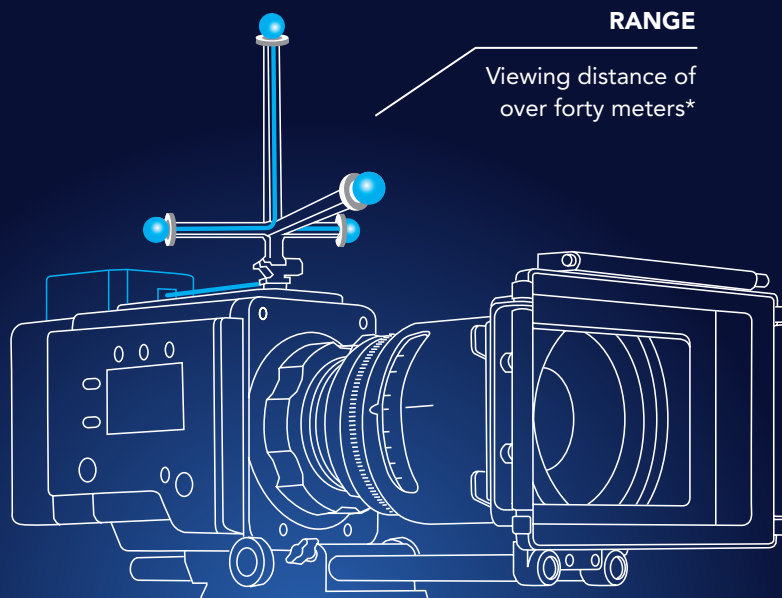
## HIGH-VISIBILITY ACTIVE STRAND

### EXCEPTIONAL RANGE

Viewing distance of over forty meters\*

### OPTIMIZED FOR VISIBILITY

Viewing angles of up to 270 degrees



\*Exact range depends on cameras and settings. Please view our Technical Spec for more information

# ENHANCED OBJECT TRACKING FOR LARGE SCALE MOTION CAPTURE

SuperNova builds on the success of Vicon's Nova LED solution to offer next-gen active tracking of props and objects in large and occluded environments.

Designed in direct response to the increased sizes and complexity of motion capture volumes seen in virtual production, our newly developed optic enables 270-degree visibility at stable ranges of over fifteen meters – almost double that of the previous generation.

While SuperNova builds on the performance of its predecessor, compatibility and customization remain at the heart of its design. Users can create marker layouts that suit their specific object needs and power the strand using a wide range of off-the-shelf USB battery packs.

By combining high performance with easy customization, SuperNova actively improves the quality of tracking data across a variety of scenarios, streamlining your experience on-set or while running location-based VR sessions.

## Frequently Asked Questions

### Does SuperNova require syncing?

No. Because SuperNova is always on and does not strobe, there is no need to worry about sync.

### How do I setup my Active Strand?

A detailed Quick Start guide is included with the product which you can also access by visiting [docs.vicon.com](https://docs.vicon.com). We also encourage you to please follow our YouTube channel for the latest video tutorials.

### Are there any further setup steps after I've created my string?

No. Once the LED string has been built and powered – you are good to go.

### Can I attach SuperNovas to a live performer?

This device is only intended to be attached to rigid objects such as film cameras and props. If you have any queries on the safe use of the device, please [contact support@vicon.com](mailto:support@vicon.com)

[> VIEW MORE ANSWERS ON OUR WEBSITE](#)

## VISIBILITY IS ONLY HALF THE BATTLE

Contact us to learn more about our best in class VFX software

# SHOGUN

Technical Spec	SuperNova
<b>Optical Ranges:</b>	
Valkyrie	Contact <a href="mailto:sales@vicon.com">sales@vicon.com</a> for more info
Vantage	25m to 50m*
Vero	25m to 30m*
Viper X	25m to 40m*
Viper	15m*
Battery Run Time	Customizable: Not included
Battery Charge Time	Customizable: Not included
Battery Consumption	100mA per LED
Connection Type	USB
Weight	Cabling 50g + 3g per LED
LED Dimensions	Base 24mm dia Lens 21mm dia PCB 15mm dia
LEDs	10 per kit, up to 25 supported

\* Ranges taken at the minimum and maximum focal lengths of each camera, at default settings and fitted with a zoom lens.

[www.vicon.com](http://www.vicon.com)



# VICON

Contact us today to book a demo or find out more.  
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