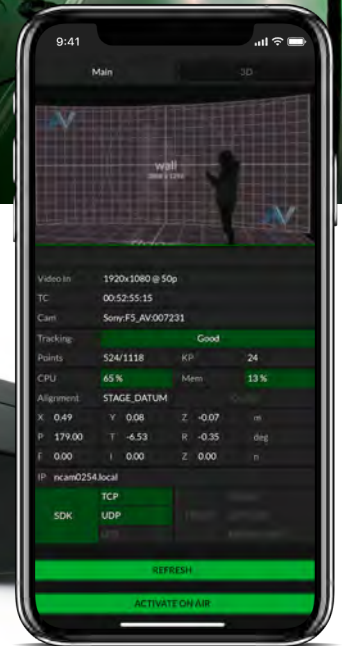


NCAM REALITY

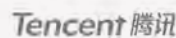
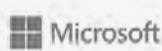
Ncam Reality is a 'one-size-fits-all' hybrid camera tracking solution for all XR & VP scenarios, including studios and outdoor environments, with compatibility for all professional cameras and lenses.

Ncam's multi-award winning and patented technology combines natural markers, reflective markers and fiducial markers, making it the perfect choice for any environment, whether in studio or on location, with any combo of camera and lens. Track handheld, Steadicam, cranes, a dolly or on a gimbal. The combinations are endless.



Trusted & Proven

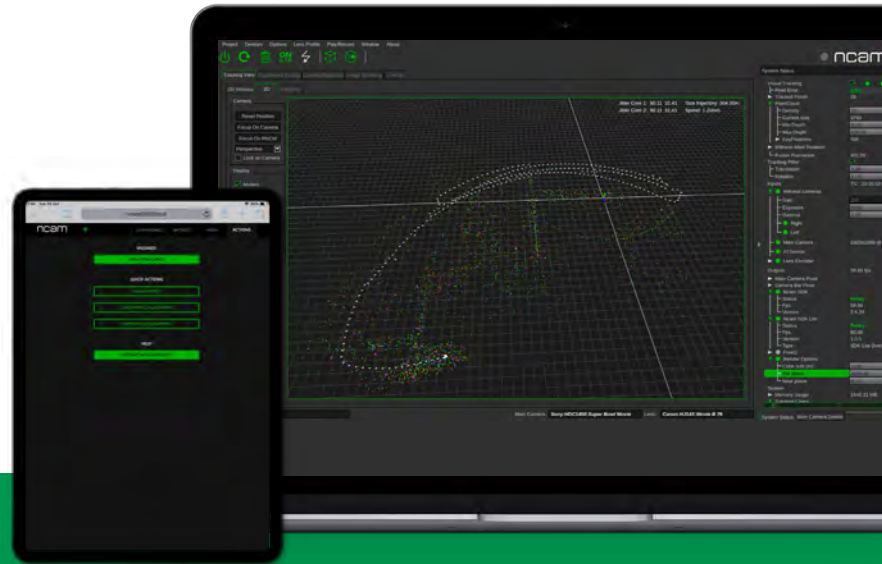
Ncam Reality is used day-in-day-out on the world's most significant projects by the world's most famous brands.



Ncam Reality Software

Ncam Reality software:

Ncam Reality software is supplied in two flavours; a simple to use web based user interface, enabling complete remote control via phone, tablet and laptop, and a more fully featured GUI for advanced features. Both are included as standard.



Hybrid Tracking

Ncam's 'Hybrid Tracking' capabilities enable the ability to mix natural markers, reflective markers and fiducial markers, meaning industry leading accuracy and flexibility, in one single product.

- Use natural markers for limitless spaces with unparalleled outdoor scale and distance.
- Choose reflective markers for extreme scene changes such as LED walls
- Add fiducial markers to aid tracking, set datum points, or add real world to virtual world reference points.



Flexible, Simple, Robust

Flexible: Track any camera, with any lens, on any rig, in any environment, whether on LED stages or green screens, urban streets or football fields. The choice is yours.

Simple: Setup and operation is second nature, via a wizard driven app, minimising any learning curve for typical studio based installations.

Robust: Ncam's multi-sensor approach combines optical and inertial sensors to automatically scan the environment to create an accurate and robust real-time camera track.

Ncam Hardware

Mk2 Hardware:

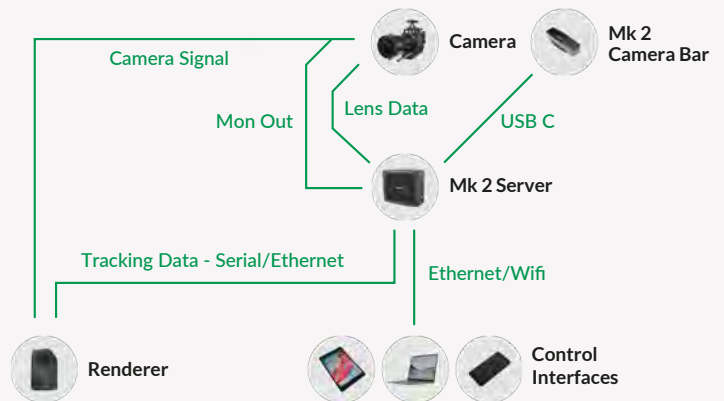
The Ncam Mk2 Camera Bar, Connection Box and Server's modular design and compact footprint offers the ultimate in flexibility and robustness as well as allowing for a host of connection and mounting options.



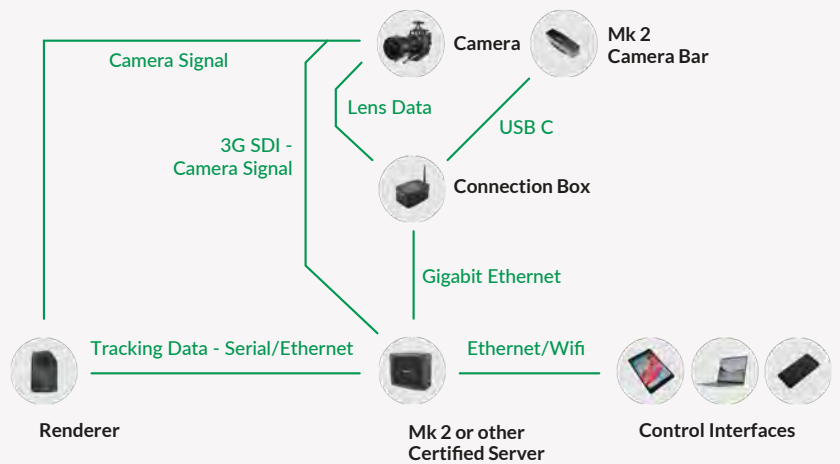
Modular Configuration:

There are two ways to configure the system:

01. The Mk2 Server is placed on or near to the main camera body.



02. The Connection Box is mounted near to the camera body and connects the Mk2 server (or compatible server) via ethernet.



Ease of Connection

Ncam Reality connects with all XR & VP platforms and engines through the Ncam SDK and industry standard protocols.



Configure your Ncam system in 2 simple steps:

01.

Choose your hardware

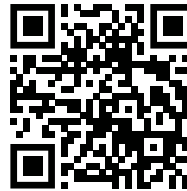


02.

Choose your Ncam Reality license option from daily, weekly, monthly or yearly



Use our online contact form for more information
www.ncam-tech.com/contact
or e-mail sales@ncam-tech.com for latest pricing



Technical Specification

Main Camera Information

Supported cameras:	Digital broadcast cameras with HD SDI monitoring Digital film cameras with HD SDI monitoring Film cameras with HD video tap plus timecode
Supported lenses:	ENG: Zoom Cine: Prime & Zoom (Spherical & Anamorphic)
Lens Metadata:	Encoders: Ncam Passive FIZ encoders Smart Lenses: Arri LDS, Canon, Cooke /i, Fujinon, Zeiss eXtended Follow Focus: Arri, Cmotion, Preston, Teradek
Lens Profiling:	Ncam proprietary: Stored and selectable from database
Camera monitor feed:	1920/1080 HD SDI up to 60fps

Ncam Mk2 Camera Bar

Configuration:	Multiple optical and inertial sensors consisting of a pair of stereo cameras, an RGB camera and an IR projector, plus IMU device; 1 bar per camera
Mounting:	Position – 3 mounting points: 1x $\frac{3}{8}$ " -16 UNC & 2x $\frac{1}{4}$ " -20 UNC threads
Power:	From Mk2 Server
Operation:	Supplied USB-C to Ncam Mk2 Server
Dimensions:	130mm X 38mm X 39.10mm
Weight:	286g

Ncam Mk2 Connection Box

Configuration:	One Connection Box per camera
Device:	Bespoke, silent, Intel Atom chipset
Server interface:	Web interface: Wired or wireless connection via web based GUI
Application software:	Ncam Reality
Location:	On camera, rig, etc.
Power:	DCIN 8-34V, 7.5/20 Watts (typical/max)
Dimensions:	90mm x 60mm x 120mm
Weight:	400g

Ncam Mk2 Server

Configuration:	One Server per camera
Device:	Bespoke workstation
Server interface:	Web interface: Wired or wireless connection via web based GUI
Operating system:	Ubuntu Linux
Application software:	Ncam Reality
Location:	Mobile – on camera or rig using $\frac{3}{8}$ " -16 UNC & $\frac{1}{4}$ " -20 UNC threads
Power:	2.5A @ 12v
Dimensions:	152.00 X 177.38 X 53.50mm
Weight:	992g