

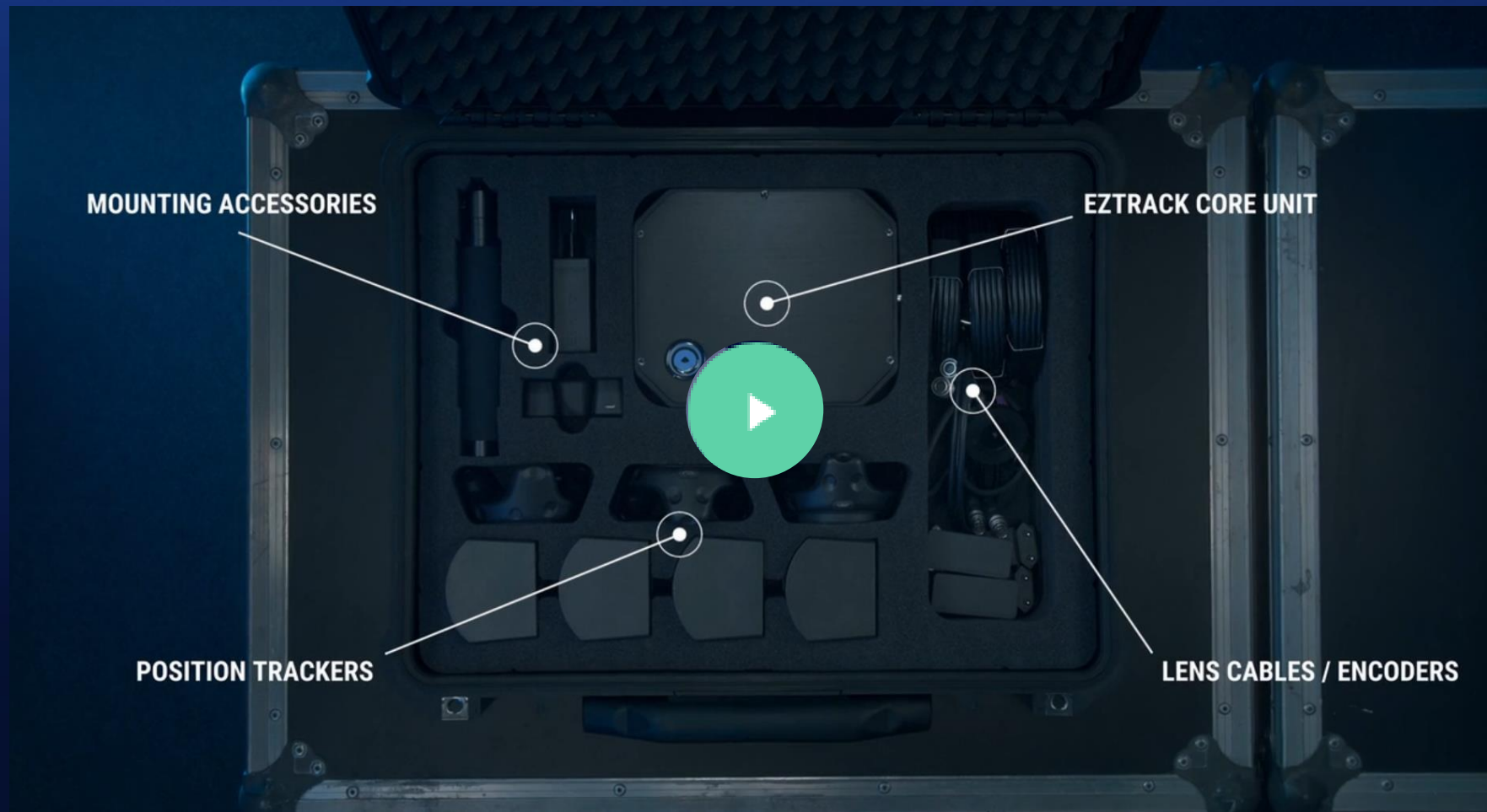


EZtrack



EZtrack

INTRODUCING THE SYSTEM





EZtrack

WHAT'S EZtrack® ABOUT ?

EZtrack® is an innovative camera tracking system implementing an embedded hardware and software system you attach to your camera to perform camera tracking in real-time.

It delivers accurate 3D tracking, image sync, zoom focus data, communication with live render engines, and multi-cameras tracking.

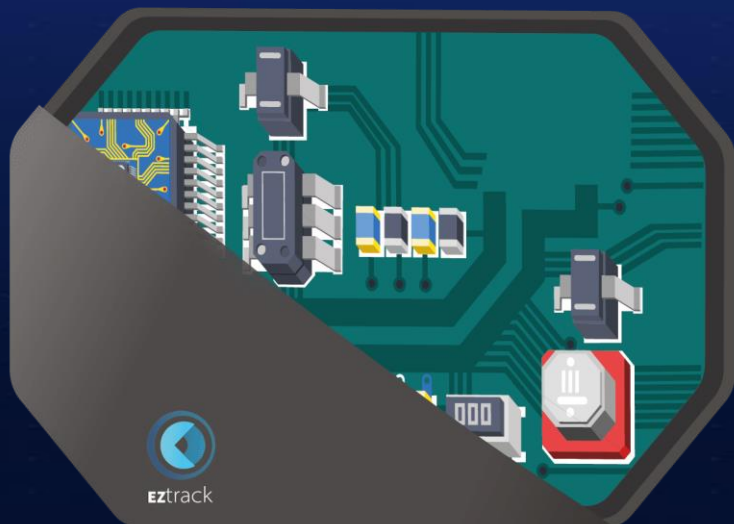




EZtrack

THE FIRST EVER CAMERA TRACKING HUB

- ❑ Combine the EZtrack® Hub with world-class sensors & tracking standards,
- ❑ Tracking 'Combos' can be switched on the fly, thanks to specific Plugins,
- ❑ Shape the most suitable tracking rig according to a particular set or project,
- ❑ Save better return on investment on the long run for your Virtual Studio!



EZtrack® NOW COMPLIANT WITH:

△ VIVE

EncodaCam

antilatency

Σ TUNDRA LABS

Panasonic

MANUS®

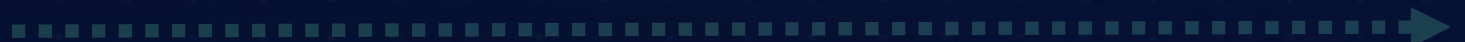
Q2~Q4 2021 /
WORK IN PROGRESS:

●..... OptiTrack

●..... VICON

●..... QUALISYS

EZtrack® 'MOCAP'
EDITION





EZtrack

PREMIUM FEATURES FOR VIRTUAL STUDIO



ONE UNIFIED INTERFACE

Send tracking data over FreeD protocol or with the Live Link plugin for Unreal.



LENS DATA ACQUISITION

Read zoom/focus data from encoded lenses (Canon, Fujinon, Angénieux)



**GENLOCK SUPPORT
ACROSS THE RIG**

The generated Genlock signal is natively processed across the rig



**CAMERA TRACKING
OVER IP**

Dedicated WebApp accessible from any computer or tablet on your network



EZtrack

PRIMARY APPLICATIONS

- ☐ **Virtual Studio, either on green screen/cyclorama or LED-based setups:** On-Set Previs and Broadcasted/Live-to-Air shows production
- ☐ **Camera tracking with free camera moves (6DOF):** Steadycams and handheld cameras, dollies, small cranes, jibs etc..
- ☐ **Virtual objects tracking in real-time:** 3D assets insertion, virtual accessories
- ☐ **Talent tracking:** automatic depth compositing





EZtrack

REAL-TIME 3D AT THE HEARTH OF THE SYSTEM

- ❑ Operates tracking data over the standardized yet proven FreeD protocol,
- ❑ Compliant with most of world-class 3D render engines available today,
- ❑ EZtrack® is Unreal-native : dedicated Live Link Plugin for Unreal 4 available

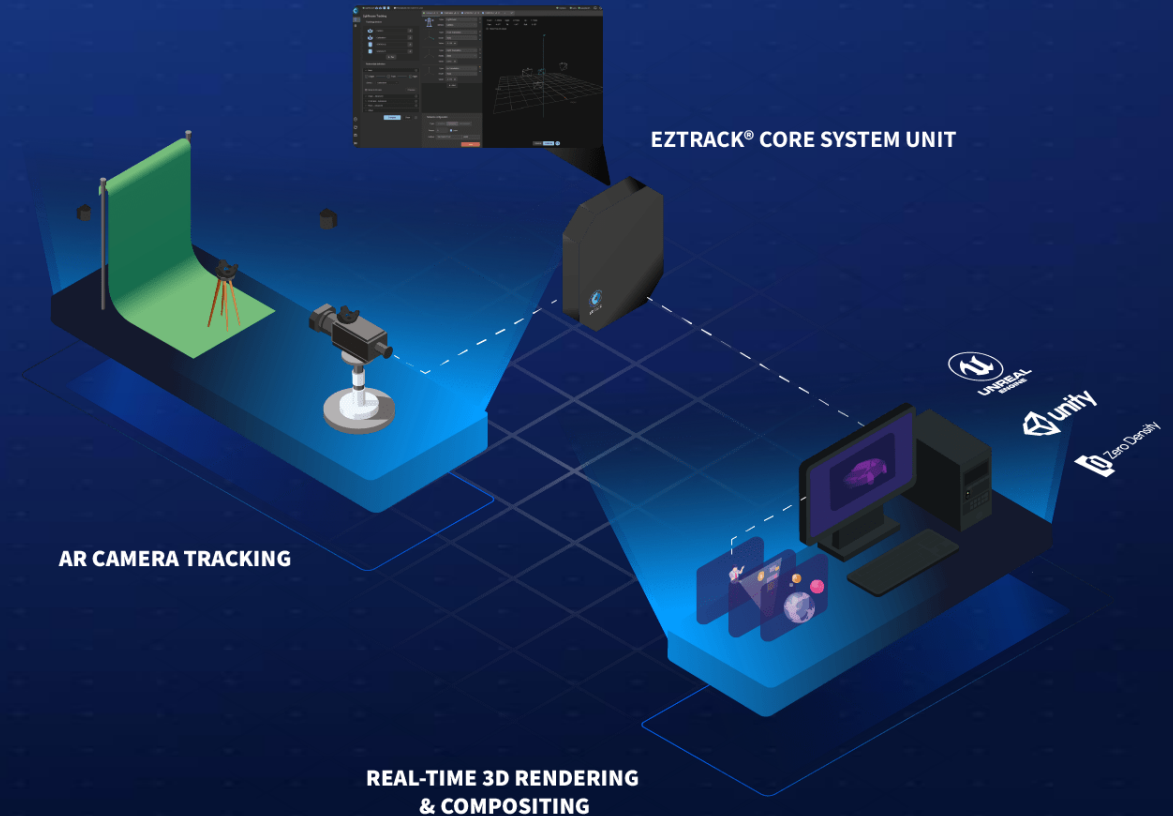




EZtrack

SYSTEM USABILITY & GUIDANCES

- ❑ Designed for mastered virtual studio conditions
- ❑ 1 EZtrack® Hub unit can handle up to 1 camera tracking and 2 objects tracking at the same time
- ❑ Suited for wide angle broadcast cameras
- ❑ For the standard Vive-based tracking combo:
 - EZtrack® can be interfaced with up to 4 Base Stations, covering a tracking area up to 10x10 meters, as 8x8 meters is recommended by us
 - Reflective surfaces to be avoided in close proximity!

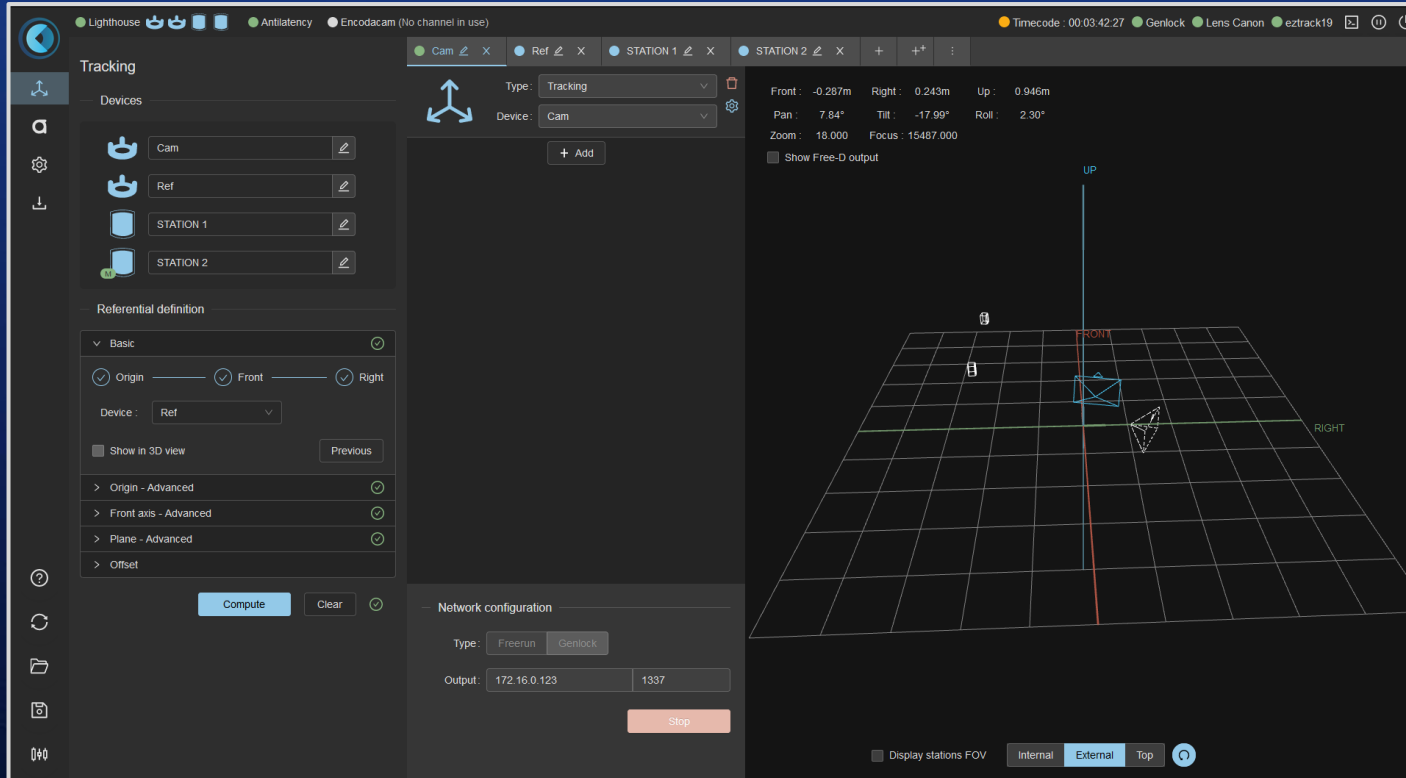




TECHNICAL SPECIFICATIONS

- ❑ Dimensions : 200 x 150 x 65 mm
- ❑ Power input : 12v
- ❑ Genlock input to sync camera tracking
- ❑ Black burst and tri level support
- ❑ Lens input for broadcast-encoded lenses (Canon/Fujinon/Angénieux supported)
- ❑ x3 Trackers inputs over USB port
- ❑ FreeD protocol compatible with most render engines.





EMBEDDED USER INTERFACE

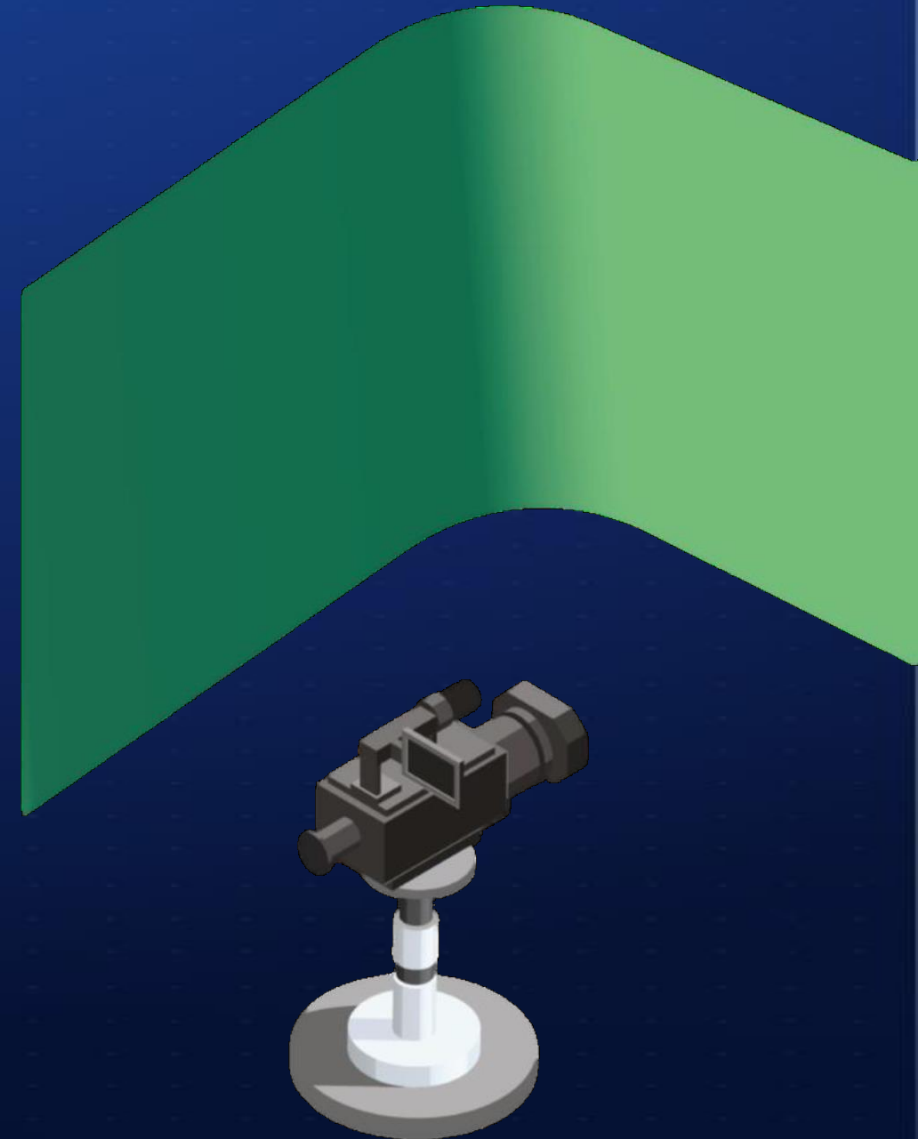
- ❑ Unique WebApp embedded to entirely remote control the tracking system
- ❑ Comply with light PC configuration : the interface is accessible from any computer on the studio network and can be operated from a smartphone or tablet
- ❑ Rest API is included for custom pipeline integration



EZtrack

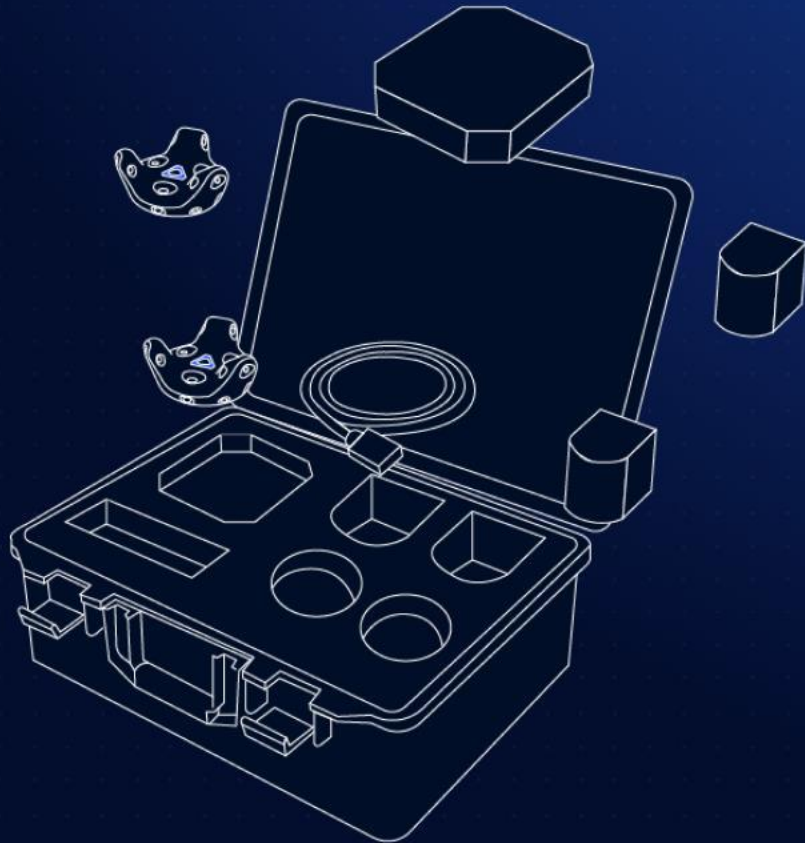
MAJOR ADVANTAGES FOR YOUR STUDIO

- ☐ FREE camera moves (complete 6DOF)
- ☐ TRULY evolute and scalable system Hub
- ☐ FAST set-up : <25 min for H/W + Software set-up
once unpacked, <1 min for recalibration
- ☐ Very LIMITED hardware, operating WITHOUT
any markers
- ☐ UNMATCHED value for money!





EZtrack



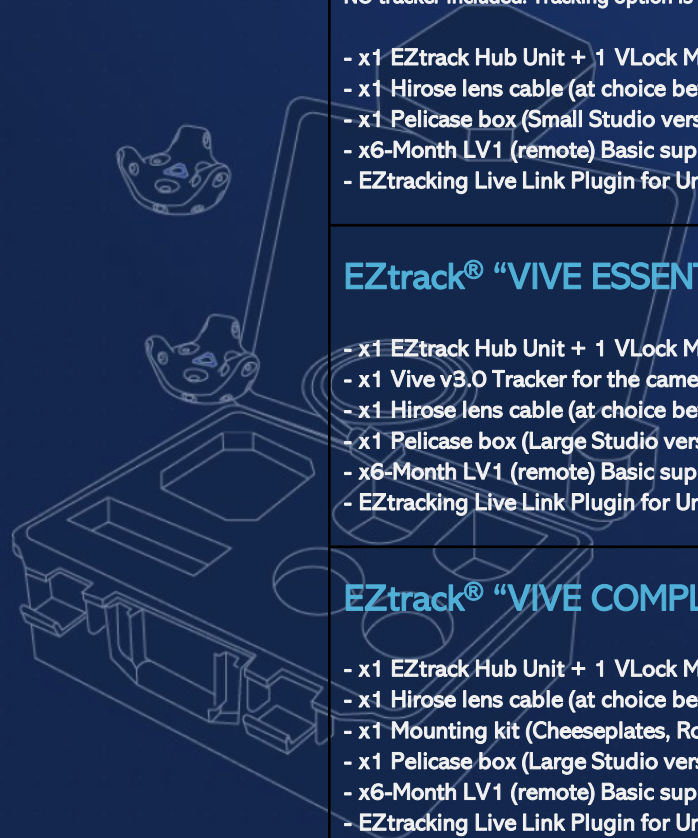
CONTENT OF THE 'STUDIO' BUNDLE

(Vive-based tracking combo)

- ✓ x1 EZtrack® Hub Unit with V lock mount
- ✓ x3 Vive Trackers (both v2.0 & v3.0 compliance)
- ✓ x1 Mounting kit to attach the tracker on camera
- ✓ x4 Base Stations (Lighthouse v2.0)
- ✓ x1 Hirose 10 or 20 pins Lens cable (Canon, Fujinon, Angénieux, at choice of the client)
- ✓ x1 Hand grip for calibration tracker



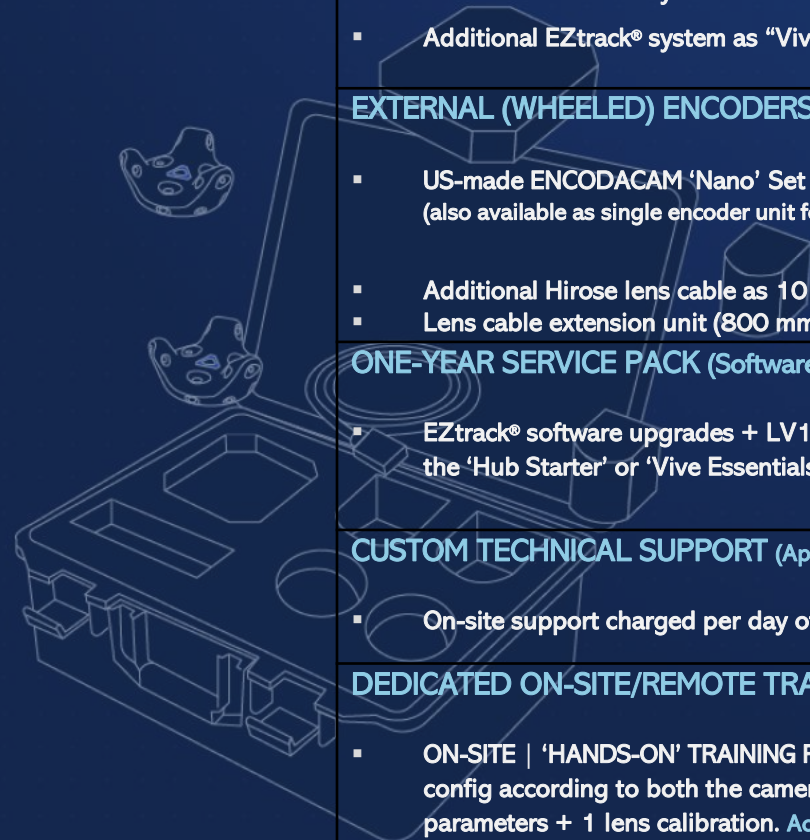
EZtrack



2021 EZtrack® HARDWARE & SOFTWARE BUNDLES	PRODUCT/SERVICE SKU#
EZtrack® “HUB STARTER KIT” NO tracker included. Tracking option is at choice of the client (Vive, Antilatency, etc.) - x1 EZtrack Hub Unit + 1 VLock Mount clamp - x1 Hirose lens cable (at choice between Canon/Fujinon/Angénieux) - x1 Pelicase box (Small Studio version) - x6-Month LV1 (remote) Basic support + Software upgrades over that period - EZtracking Live Link Plugin for Unreal Engine 4	EZHSK01
EZtrack® “VIVE ESSENTIALS KIT” (for existing Vive-kit owners) - x1 EZtrack Hub Unit + 1 VLock Mount clamp - x1 Vive v3.0 Tracker for the camera (pre-flashed by oARo) with 1 mounting kit with plate + Kodak screws - x1 Hirose lens cable (at choice between Canon/Fujinon/Angénieux) - x1 Pelicase box (Large Studio version) - x6-Month LV1 (remote) Basic support + Software upgrades over that period - EZtracking Live Link Plugin for Unreal Engine 4	EZVEK01
EZtrack® “VIVE COMPLETE STUDIO” BUNDLE - x1 EZtrack Hub Unit + 1 VLock Mount + 4 Base Stations + 3 Vive Trackers - x1 Hirose lens cable (at choice between Canon/Fujinon/Angénieux) - x1 Mounting kit (Cheeseplates, Rod Bars, various Kodak screws) + DC adapters - x1 Pelicase box (Large Studio version) - x6-Month LV1 (remote) Basic support + Software upgrades over that period - EZtracking Live Link Plugin for Unreal Engine 4	EZCSB01



EZtrack



OPTIONAL EQUIPMENT & ON-SET/REMOTE SERVICES	PRODUCT/ SERVICE SKU#
ADDITIONAL HUB/SYSTEM ORDER (MULTI-CAMERAS SETUP) <ul style="list-style-type: none">Additional EZtrack® system as “Hub Starter Kit” (without tracking option)Additional EZtrack® system as “Vive Essentials Kit”Additional EZtrack® system as “Vive Complete Studio Bundle”	 EZHSK02 EZVEK02 EZCSB02
EXTERNAL (WHEELED) ENCODERS SET AND LENS CABLES <ul style="list-style-type: none">US-made ENCODACAM ‘Nano’ Set of 2 wheeled encoders (Zoom AND Focus meta data) + various cables (also available as single encoder unit for Zoom OR Focus)Additional Hirose lens cable as 10 or 20 pins (Fujinon/Canon available)Lens cable extension unit (800 mm)	 EZEES01 EZEES02 EZEES03
ONE-YEAR SERVICE PACK (Software upgrades + Support) <ul style="list-style-type: none">EZtrack® software upgrades + LV1 Basic support over a period of 12 additional months (available either for the ‘Hub Starter’ or ‘Vive Essentials/Complete Studio Bundle’)	 EZOYS01
CUSTOM TECHNICAL SUPPORT (Apart from the 12-Month manufacturer warranty) <ul style="list-style-type: none">On-site support charged per day of presence of one of our Technical engineers	 EZCTS01
DEDICATED ON-SITE/REMOTE TRAINING SERVICE <ul style="list-style-type: none">ON-SITE ‘HANDS-ON’ TRAINING PROGRAM: x2 full days in studio to provide complete system setup & config according to both the camera rig & 3D workflow + step-by-step guided session to operate tracking parameters + 1 lens calibration. Accommodations & travel cost NOT included.100% REMOTE ‘WARM-UP’ TRAINING MODULE OVER A 5-HOUR TIME CREDIT (x2 sessions of 2.5H each): guided step-by-step system setup over visio + initial configuration & referential according to both the camera rig & 3D workflow + go-through the main tracking features.	 EZOST02 EZRT03



EZtrack

VIRTUAL PRODUCTION SERVICES



ON-DEMAND CAMERA TRACKING



EZtrack

- ❑ EZtrack® RENTAL
- ❑ EZtrack® TRAINING
- ❑ LENS CALIBRATION

REAL-TIME 3D CONTENT

- ❑ VIRTUAL ASSETS
PRODUCTION
- ❑ IMAGE & VFX
COMPOSITING : LIVE,
PREVIS, POSTVIS

VIRTUAL STUDIO IMPLEMENTATION

- ❑ ON-SET OPERATIONS : CAMERAS TRACKING & LIVE
3D RENDERING IN AR
- ❑ COMPLETE VIRTUAL STUDIO INTEGRATION FROM
END TO END



EZtrack

THANK YOU

www.eztrack.studio