EQUIPMENT · CAPTURE

Cameras for automatic production

The only equipment that has to be installed at the venue.

AI-driven tracking cameras, PTZ units and IP encoders, supplied and installed by cinfo.



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THE CHALLENGE

Choosing the wrong cameras compromises the whole production

Every venue has its own geometry, lighting and sport. A badly chosen or badly placed camera permanently limits the quality of every broadcast from that facility.

01

Civil works and cabling

Complex installations that mean working in the venue for days.

02

Equipment that falls short

Insufficient resolution or angle to cover the whole playing area with quality.

03

Incompatible brands

Cameras from different manufacturers that cannot be mixed in one production.

WHAT WE SUPPLY

Cameras chosen for each venue and ready for the AI

For each facility we choose the most suitable cameras and supply, install and maintain them. The system accepts fixed, PTZ, portable cameras and even mobile phones within the same production.

- A tracking camera at up to 8K, valid indoors and outdoors.
- Fast installation: one or two hours per camera point.
- Up to eight cameras per venue, placed where they best cover the action.
- Compatibility with several manufacturers, and with conventional cameras plus an IP encoder.

HOW IT IS INSTALLED

From the site visit to the first broadcast event

No hardware beyond the cameras needs to be installed at the venue: just power and broadband.

01

Site visit

A study of the venue: geometry, lighting, mounting points and connectivity.

02

Camera proposal

Selection of camera model, quantity and exact placement.

03

Installation

Mounting, power, network connection and calibration, in one or two hours per camera.

04

Commissioning

Provisioning on the tiivii platform, broadcast tests and handover of a working venue.

FEATURES

Equipment built to run unattended

- **AI tracking**

  The cameras are driven by the AI, with no operator.

- **Indoors and outdoors**

  The same equipment works for arenas, pitches, courts and open spaces.

- **Installed in 1-2 hours**

  Fast mounting per camera point, with no building work at the venue.

- **Optical zoom**

  The system's low latency allows remote optical zoom during play.

- **Virtual cameras**

  Independent shots are generated from a single high-resolution panoramic feed.

- **Multi-protocol**

  RTMP, RTSP and SRT synchronised within the same production.

- **Third-party cameras**

  Conventional cameras integrated through an IP encoder, and mobile phones.

- **Dual use**

  Outside event hours the same cameras serve for venue surveillance.

BENEFITS

An investment that lasts more than ten years

01

A long service life

High-quality fixed cameras exceed ten years of working life in service.

02

No crew at the venue

The cameras are the only thing to install: everything else happens in the cloud.

03

Scalable

Start with two cameras and grow to eight as requirements rise.

04

Supply and installation included

cinfo takes care of supply, installation, production and technical support.

TECHNICAL DATA

Typical venue configurations

Tracking camera	Calidad de imagen hasta 8K, dirigida por IA
Fixed panoramic camera	Hasta 3K, ángulo de visión de 110°, con cámaras virtuales a 1080p
PTZ camera	1080p, giro de 360°, para primeros planos y seguimiento
Cameras per venue	De 2 a 8, fijas y/o portátiles
Internal storage	64 GB de respaldo local según modelo
Protocols	RTMP, RTSP y SRT, sincronizables entre sí
Additional sources	Cámara convencional + encoder IP, y teléfonos móviles
Venue requirements	Alimentación eléctrica y conexión de banda ancha



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Exact specifications are set during the site visit: model, optics and camera count depend on the venue's geometry, lighting and sport.

SUPPLY

How the equipment is delivered and maintained

01

Installation

Mounting, connection and calibration by the cinfo team, in one or two hours per camera.

02

Commissioning

Platform provisioning, broadcast tests and basic training for venue staff.

03

Monitoring

The management tool monitors the status of all installed equipment.

04

Support and maintenance

Technical support during operation, with equipment replacement where applicable.

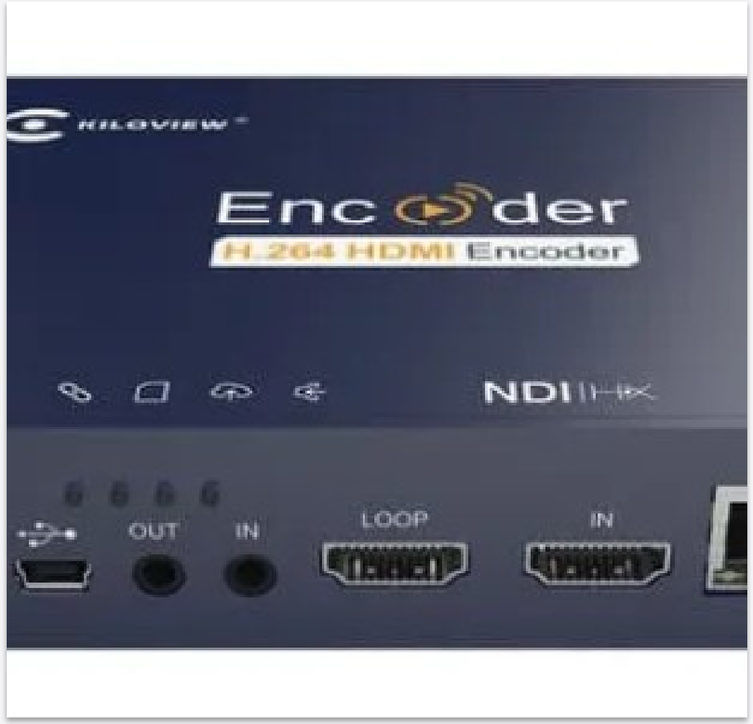
Supply can be contracted as an equipment purchase or bundled into a seasonal service contract. Ask which model best fits your facility.

GALLERY

Capture equipment



Fixed and PTZ cameras used across facilities.



IP encoder to integrate conventional cameras.



Camera placement layout for a venue.

INSTALLATIONS

Venues equipped by cinfo

CLUBS AND FEDERATIONS

More than 210 facilities with tiivii cameras

Pitches and arenas equipped with AI-driven cameras that produce over 750 events every week.

https://tiivii.tv

RFEP · SKATE PARKS

Skate parks in La Nucía and Badalona

Camera installation to broadcast competitions, analyse training, build a video library and watch over the facility outside opening hours.

https://www.fep.es

COUNCIL CHAMBERS

Three-camera setups for institutions

Installations with a panoramic venue camera and PTZ units for close-ups of speakers.

https://cinfo.es

CINFO IN NUMBERS

Deployed equipment

+210

facilities equipped with tiivii cameras

8

maximum cameras per venue

1–2 h

of installation per camera point

+10

years of service life for fixed cameras

FREQUENTLY ASKED QUESTIONS

What gets asked before equipping a venue

How many cameras do I need?

Two fixed cameras cover a pitch with broadcast quality. From there you can grow to eight for more attractive or specialised shots.

Is building work needed at the venue?

No. Only power and broadband are needed: no hardware beyond the cameras is installed.

Can I use cameras I already own?

Yes, through an IP encoder. The system mixes cameras from different manufacturers and protocols in one production, keeping them in sync.

Do they work for any sport?

The equipment does; what gets calibrated is the AI. Adapting tracking to a new sport takes around twelve weeks.

What if the connection drops?

Depending on the model, the cameras have internal backup storage that allows the event recording to be recovered.

Can they be used for surveillance?

Yes, with an additional surveillance platform licence: outside event hours the same cameras watch over the facility.

WHO IT IS FOR

Who equips their facilities

01

Sports clubs

Pitches and arenas that want to broadcast every match.

02

Federations

Consistent rollouts across dozens of competition venues.

03

City councils

Council chambers, auditoriums and municipal sports halls.

04

Cultural venues

Theatres, auditoriums and venues that broadcast their programme.

LET'S TALK

We visit your venue and tell you what it needs

One site visit is enough to propose the number of cameras, their placement and the installation cost.

Request a site visit

See equipped facilities

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