

Mobile HD camera for observation of construction sites

The iConstruction-CAM is a mobile observation system designed for monitoring construction sites, in places that are particularly difficult to secure due to unfavorable conditions.



With iConstruction-CAM you gain:

- ▶ reduction of delegation costs,
- ▶ time, thanks to remote monitoring of construction work and subcontractors,
- ▶ preventing theft of building materials,
- ▶ the ability to react quickly to unforeseen events,
- ▶ lower expenditure on the protection of facilities,
- ▶ promotional material (online streaming, time-lapse videos, etc.).

The iConstruction-CAM camera provides:

- ▶ preview of the image via 4G / LTE from the camera, from anywhere in the world and connection with the recorder in your office or server room,
- ▶ safety of employees and secures valuable building materials,
- ▶ monitoring the work time of subcontractors,
- ▶ observation of a large area - monitors the area within a radius of over 200m,
- ▶ securing the area day and night,
- ▶ monitoring the use of appropriate materials,
- ▶ documentation of the work progress,
- ▶ smooth transmission of HD video and PTZ control by LTE,
- ▶ very fast installation of the device on the site without performing complicated installations and projects. All you need is a simple extension cord or 230V socket,
- ▶ uninterrupted monitoring in cases of power failure due to the internal battery,
- ▶ the ability to display images from cameras on any TV, computer or phone,
- ▶ cooperation with every IP camera, i.e. Hikvision, Bosch, Sharp, Dahua, Samsung, Novus, Axis, ACTI, VIVOTEK.

You only need:

- ▶ A place for hanging the camera, e.g. against the wall or pole, lantern, mast,
- ▶ 230V socket (within 1m from the camera),
- ▶ iConstruction-CAM in any version,
- ▶ SIM card with LTE Access.



Models and versions:

- ▶ **iConstruction-CAM BACK** - with any IP camera
- ▶ **iConstruction-CAM X25 (200 m)** - with PTZ camera and zoom x25 camera
- ▶ **iConstruction-CAM X4 (50 m)** - with a mini PTZ and zoom x4 camera
- ▶ **iConstruction-CAM 100 °** - with a fixed-directional camera, with an observation angle over 100°

iCAM model	iConstruction-CAM x25	iConstruction-CAM x4	iConstruction-CAM 100°	iConstruction-CAM BACK
Parameters				
Image resolution	HD 1080	HD 1080	HD 1080	HD 1080
Memory capacity of the recording in camera	128GB (around 5 days)	128GB (around 5 days)	128GB (around 5 days)	-
Battery	YES -18 Ah			
Camera IP HD	YES <ul style="list-style-type: none"> • HD • PTZ 360° • Zoom x25 (200m) • Motion detection • Automatic patrol routes and ramps (presets) • IR night lighting at 150m 	YES <ul style="list-style-type: none"> • HD • PTZ 360° • Zoom x4 (50m) • Motion detection • Automatic patrol routes and ramps (presets) 	YES <ul style="list-style-type: none"> • HD • Motion detection • IR 30 m • Wide angle lens 	YES <ul style="list-style-type: none"> • The system works with any IP camera available on the CCTV market, eg Dahua, Hikvision, LC-Security, AXIS, Samsung, Sony, GeoVision, BOSCH, VIVOTEK, Acta, etc.
Mounting	quick mount holder			
Power supply	230V or 12V DC plug (no charging from 12V DC)			
Wireless connection	LTE 4G			
Remote access	YES <ul style="list-style-type: none"> • from the computer - ONLINE view, browsing the archive with SD, control and settings • with NVR / VMS - ONLINE preview, HDD recording, archiving with SD, control and settings • from the cell / tablet - ONLINE view, control 			
IP class	IP 66			
Housing	Impact-resistant, high-aluminum construction			
Working temperature	from -20 to 55°C			
Included	<ul style="list-style-type: none"> • iConstruction-CAM with camera PTZ x25 • Antenna LTE x2 pcs. • Mounting socket for pole / façade • Steel clamps x3 pcs. 	<ul style="list-style-type: none"> • iConstruction-CAM with camera PTZ x4 • Antenna LTE x2 pcs. • Mounting socket for pole / façade • Steel clamps x3 pcs. 	<ul style="list-style-type: none"> • iConstruction-CAM with directional camera • Antenna LTE x2 pcs. • Mounting socket for pole / façade • Steel clamps x3 pcs. 	<ul style="list-style-type: none"> • iConstruction-CAM without camera • Antenna LTE x2 pcs. • Mounting socket for pole / façade • Steel clamps x3 pcs.

Additional options: Wifi, Time-lapse movie camera (takes a photo every several minutes), thermal imaging cameras.

Accessories for iCAM systems

- ▶ **iCAM-TVrec**
Receiver for viewing 4 images from remote iCAM cameras on TV via HDMI.