



SCARLET | TECH

Wireless Crane Camera System

# HERCULES Pro



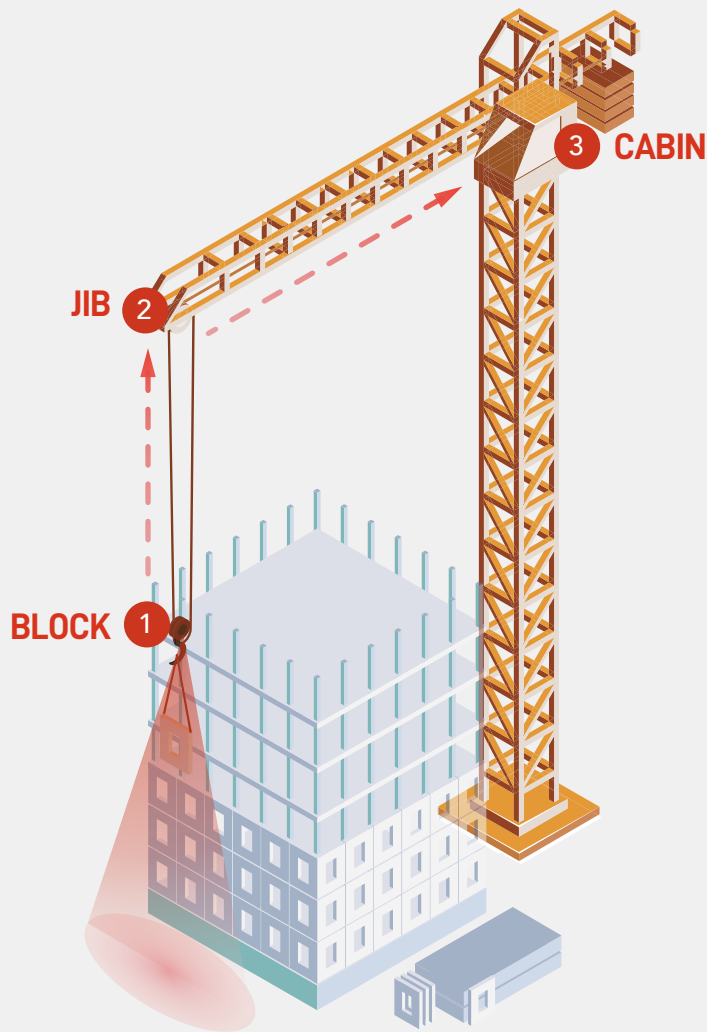
Optimized Safety & Efficiency  
for Tower Cranes & Construction Worksites



- Prevent Accidents & Enhance Efficiency
- Maximum 1K Wireless Range
- Recording & Playback
- Real-Time Load View
- Optional Remote Surveillance
- Versatile & Effortless to Deploy

# Ultimate Safe Lift Solution for Tower Cranes

HerculesPro sets a new standard in crane safety and productivity. Equipped with a hook-mounted camera, high-speed transceiver, and NVR monitor console, it provides operators with real-time views of the load both in the cabin and remotely via the mobile app. By improving operator control and safety awareness with each lift, HerculesPro stands as the premier system for smarter, safer crane operations



- Hook Camera
- Camera Transmitter
- Camera Battery

*Rechargeable battery*



- StreamLink

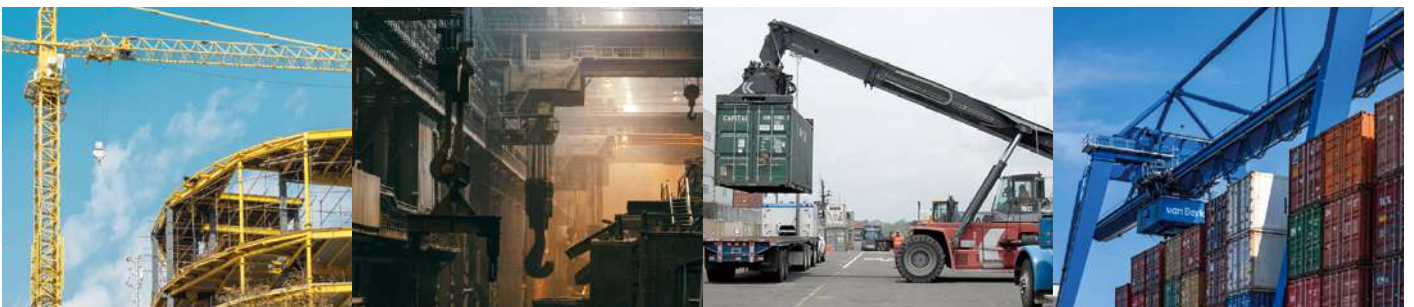
*DC 24V*



- Monitor Console

*AC-DC 12V plug*

## Versatile Fit for Various Projects





# Plug-n-Play Effortless Installation

## 1KM Wireless Coverage

StreamkLink ensures uninterrupted coverage for complex construction sites and various crane types. Extends range and overcomes obstacles for multi-channel high-speed live feeds.

## Effortless Installation

Swift and secure installation with magnetic mounts, coupled with effortless plug-and-play setup via wireless connectivity. HerculesPro exudes high adaptability across all working environments.



1KM Wireless



Magnetic Mount



Plug & Play



# Elevate Safety & Efficiency with Instant Clarity

## 2K Ultra-wide Lens for Full Visibility

110° Ultra-wide camera delivers the direct load view and eliminating surrounding blind spots. With 2K QHD resolution, operators confidently execute precise with each lift.

## 24/7 Risk Reduction with Full-color Night Vision

With full-color night vision and auto-defog sensor, HerculesPro captures detailed video in any light condition, ensuring smooth and secure operations at all times.



110° Ultra Wide



Color Night Vision



2K QHD



# Recording & Playback

## 30-Day Loop Video & Backup

Monitor Console automatically preserves 30 days of video in its 1TB NVR storage. Each camera securely backs up 96 hours of looped footage.

## Intuitive Playback & Export

Monitor Console's advanced NVR platform simplify project management. Easy access 2K footage from multiple cameras with a few clicks.



30 Days Recording



96hr Backup



Easy Management



# | Product Specification

## 1 HOOK BLOCK

### Hook Camera



- Waterproof, Durable Aluminum Housing
- 2K Ultra-wide Full-color Night Vision
- 96 Hours Backup Recording

Resolution & Pixels	2K QHD 2304 x 1296, 3MP / HD 1280 x 720, 1MP
Image Sensor	1/2.8" CMOS
Electronic Shutter	1/25s - 1/10,000s
Compression Standard	H.265 / H.264 / MJPEG
Angle of View	110° Ultra-wide angle
Night Vision	Starlight full-color night vision
MIC	Yes
Video Storage	128 GB (96 hrs in 2K resolution)
API for Integration	ONVIF
Power Supply	Battery pack (DC 12V/PoE)
Waterproof	IP67
Installation	Mounting by magnets
Dimension	180 x 122 x 122 mm
Weight	2.5kg

### Camera Transmitter



- Long-Range High-Speed Transmitter
- Fast & Flexible Magnetic Mount
- Powered by Camera Battery

Wireless Technology	Wi-Fi 5GHz
Power Supply	Battery pack (DC 12V)
Waterproof	IP67
Installation	Mounting by magnets
Dimension	265 x 265 x 82 mm
Weight	2.2kg

### Camera Battery



- 35 Hours Long-Lasting Power
- Easy Switch-Out for Charging
- Fast & Flexible Magnetic Mount

Battery Type	Molicel 26700 LiFePO4
Battery Volume	28000mAh
Working Hours	35+ hours
Power Input	DC 14.3~14.6V2A (Charging by Power Charger)
Power Output	12V4A (Max)
Waterproof	IP67
Installation	Mounting by magnets
Dimension	272 x 146 x 91 mm
Weight	5kg

## 2 JIB

### Streamlink



- Wi-Fi 5GHz High-Speed Private Transceiver
- Extend Wireless Range & Bypass Obstacles
- Broadcast Multi-Camera Live Video to Display Units

<b>Wireless Technology</b>	Wi-Fi 5GHz
<b>Power Supply</b>	DC 24V
<b>Waterproof</b>	IP67
<b>Installation</b>	Mounting by magnets
<b>Dimension</b>	230 x 230 x 93 mm

## 3 CABIN

### Monitor Console



- Monitor, Wireless Processor, NVR Recorder All-in-One
- 30-Day Loop Recording & Playback
- Optional Remote Monitoring & Playback via App

Video Storage	1TB HDD (30 days in 2K)
Wireless Technology	Wi-Fi 5GHz
Display	11.6" IPS
Resolution	1920 x 1080
Channel	Up to 8 Channels
Power Supply	DC12V
Output	DC Power Jack x1, USB(A) x2 , RJ45 x1
OS	Embedded Linux
Mounting	VESA mounting clamp
Dimension	305 x 250 x 45mm (excluding VESA mount base)
Weight	2.4kg

# Product List

## Hook Camera

- Safety Lanyard (with magnetic cable holder)

## Camera Transmitter

- Antenna (5GHz omnidirectional, white) x 2pcs
- Safety Lanyard (with magnetic cable holder)

## Camera Battery

- Power Cord (1.2M, Power Pack-Hook AP)
- Safety Lanyard (with magnetic cable holder)
- Power Charger (DC 14.3-14.6V)

## StreamLink

- Antenna (5GHz omnidirectional, white) x 2pcs
- Power Cord (50M, three-core)
- Safety Lanyard (with magnetic cable holder)

## Monitor Console

- Antenna (5GHz omnidirectional, black) x 2pcs
- Power Adapter (1.2M, AC-DC 12V power plug)
- Monitor Clamp Mount
- USB Mouse



# Customization & Add-Ons

## Spare Battery Pack

Rechargeable camera battery for easy swapping to reduce downtime

## Customized Cameras

Monitor Console can link with 8 customizable cameras.

## Remote Monitoring

Upgrade to Cloud NVR. Live streaming footages from multiple cameras anytime, anywhere on your mobile device.



## Customized Power Supply

Camera Battery

- Type G (Default)
- Various plug types available

StreamLink

- DC 24V (Default)
- AC100-240 to DC12V power adapter

Monitor Console

- AC100-240 to DC12V power plug (Default)
- DC 12V4A Cigarette lighter plug



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