

Hook Block Monitoring

Hook Monitoring System

The Hook Monitoring System is a wireless system that can be quickly and easily deployed to the hook block of the MCC1004 Mini Crawler Crane. The sights and sounds from below the camera is then transmitted and received wirelessly via the antenna systems to a screen in the cab.

This allows the operator to see and hear the load and surroundings, giving an unobstructed, live, audio-visual feed of the critical areas that working in the blind would never allow. The Hook Monitoring System is perfect for use on every construction site but in particular where loads are obstructed from the operator such as being lowered into shafts.

Key Features

- 113° wide angle lens
- Easy and quick to install
- Uses high-powered neodymium magnets
- 19.2v battery pack with up to 12 hour operating time
- 1080p resolution auto-focusing sensor with audio from sensor to cab
- In-cab AC or DC powered 10.1 inch HD monitor with built-in speakers
- Record on loop for up to 30 days
- Safety lanyard provides secondary security tethering

Reference Code

MRC01



How It Works

1 Sensor on the hook block

The Sensor captures the audio-visual feed and sends it to the transmitter. The signal is then transmitted to the Cab. The battery powers both the Transmitter and the Sensor.

Each component attaches magnetically and can be mounted on the block, including between the cheek plates and on the boom tip.

2 In the MCC1004 operator cab

The live audio-visual feed is then processed and displayed on the screen positioned inside the cab, allowing the operator to see and hear live footage of everything below the camera.



What's In The Hook Monitoring System?



M3 Monitor

The M3 is an all in one display that combines a monitor, repeater and processor in to a purpose built fast fit system. The M3 has a HD display with built in speakers, automatic brightness control, less than 0.2 seconds of latency and multivoltage AC and DC inputs.

Size & Weight

Height: 180mm Width: 265mm Depth: 115mm Weight: 3,300g



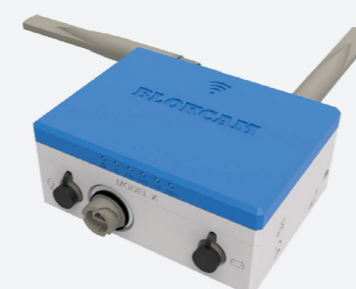
S4 Sensor

The S4 is a 113° wide angle lens. The low profile design, tool free operation and rotatable lens allows for easy installation on any side of the hook block including in between the cheek plates.

- HD 1080p resolution
- 113° Viewing angle
- Tool free rotatable lens. Install vertically on any face of the hook block
- Omni-directional audio sensor
- Permanent neodymium magnets
- Purpose built aluminium housing
- Built in lanyard anchors
- low profile design
- IP67⁴
- CE and FCC approved

Size & Weight

Height: 100mm Width: 75mm Depth: 69mm Weight: 1,250g



X2 Transmitter

The X2 transmitter dramatically improves the most important aspects of the system. The combination of performance, specification, aesthetics and 71mm low profile design make this a must for all crane operations.

- Audio from hook to cab
- Record
- Permanent neodymium magnets
- High quality industrial connectors
- Long range transmission⁴
- Purpose built aluminium housing
- Multiple lanyard anchors
- 71mm low profile
- 4G live streaming¹
- Mobile app
- LED indicators
- IP67³

Size & Weight

Height: 128mm Width: 170mm Depth: 71mm Weight: 2,100g



B5 Battery

B5 is a non hazardous 19.2v Battery Pack. The clever tool-free design and easy grip finger slots makes it easy to install, remove and charge.

- Two Batteries with every system
- Permanent neodymium magnets
- Purpose built aluminium housing
- Easy grip finger slots
- Easy to install, remove and charge
- Easy access fuse
- Multiple lanyard anchors
- Compatible with the System Charging Station (CS1)
- 71mm low profile
- Non hazardous
- 12 hour operating time²
- IP67³

Size & Weight

Height: 155mm Width: 105mm Depth: 71mm Weight: 2,400g



CS1 Charging Station

The Charging Station is designed to improve the efficiency of your Hook Monitoring System batteries and the performance of the camera system.

- Purpose built aluminium housing
- Multi voltage DC input
- LED Charge indicator
- Drainage slots
- Non slip rubber foot pads
- Colour coded input for fool proof installation

Size & Weight

Height: 85mm Width: 150mm Depth: 100mm Weight: 1,650g

1. Subject to availability of a suitable mobile network, data charges apply. 2. Battery life varies by use and configuration. 3. IP67 rating excludes IP65 audio sensor. 4. Transmission distance may vary depending on environment.