



Wennington Road, Southport. PR9 7TN. England
Tel: +44 (0)1704 518000 Fax: +44 (0)1704 518001
WEB SITE <http://www.unipartdorman.co.uk>
E MAIL address - dorman.enquiries@unipartdorman.co.uk

Health and safety

Every effort has been made to ensure the accuracy of the information given in our publications, but in accordance with our policy of continually improving our products we reserve the right to modify designs and specifications whenever necessary. All equipment is designed to conform to relevant British and International Standards. Every care is taken to ensure that, as far as reasonably practical, it will perform without risk to health. It is essential that accepted codes of professional practice are followed in the assembly, installation and commissioning of the equipment. If in doubt with respect to any of these instructions, please consult Unipart Dorman before installing the device.

Unipart Dorman reserves the right to vary any component part to meet the required specifications without prior notice.



Certificate No. FM 14371

Unipart Dorman Part No C64.65569 Issue 3

iLS, CLS LITE & CLS CLASSIC DETACHABLE SIGHTING SCOPE CAMERA MOUNT USER INSTRUCTIONS

To be read before commencing
operation



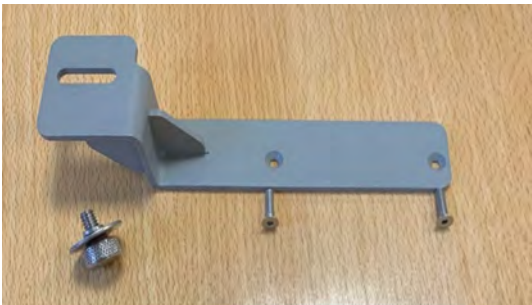
User Instructions

Equipment Required

Detachable Sighting Scope (086/008542)



Camera Mounting Bracket for Trunnions and CLS LITE (086/008865)



Classic CLS Camera Mounting Bracket (086/008866)



Part Numbers:

PADS Number	Description
086/008542	iLS Detachable Signal Sighting Scope
086/008865	iLS Sighting Scope Camera Bracket
086/008866	Classic CLS Camera Mounting Kit
R086/008542	Sighting Scope Annual Recertification

Dorman Part Number	Description
D04.03158	iLS Detachable Sighting Scope Assembly
D04.03988	iLS Sighting Scope Camera Bracket
D86.85334	Classic CLS Camera Mounting Kit
D04.03082RECERT	Sighting Scope Annual Recertification

For specific guidance on aligning the signal, please refer to the operations and maintenance manuals listed below

Dorman Part Number	Description
C64.65376	ALT
C64.65546	HD ALT
C64.64148	iLS
C64.65201	CLS LITE
C64.63267	Classic CLS

All the above documents are available on the Unipart Dorman website

General Notes:

- Before commencing any work, all local safety requirements affecting the safety of the working environment either directly or indirectly shall be implemented.
- Unipart Dorman does not recommend any particular camera or App. It is the user's responsibility that any camera and App is used in accordance with the manufacturer's terms and conditions of use and instructions.
- Unipart Dorman cannot accept any responsibility for the performance of third party equipment, applications or software systems.
- Users of these devices and their supporting operating systems should satisfy themselves that their usage will not compromise any device through the introduction of malicious software, bugs and viruses etc.
- The end user is also solely responsible for ensuring any images captured and retained do not conflict with the Information Commissioner's Office Codes of Practice on privacy and the use of cameras, or the General Data Protection Regulations.
- The trunnion/equipment enclosure can be aligned without the signal post fitted.
- **The ILS Removable Sighting Scope Mounting block will be modified during either manufacture or Annual Re-Certification, with the tapped holes to attach the camera bracket.**
 - **The sighting scope shall be subject to an alignment check and recertification every 12 months.**
 - **Initial certification date is stated on the sighting scope case label.**

1 Fitting Scope assembly to CLS LITE

This section deals only with CLS LITE heads NOT fitted in the Unipart Dorman ALT/HD ALT which would be aligned from ground level.

Attach the sighting scope on the inside of the frame as indicated below. Line up the thumbscrews and finger tighten in to place. DO NOT Overtighten the thumbscrews.

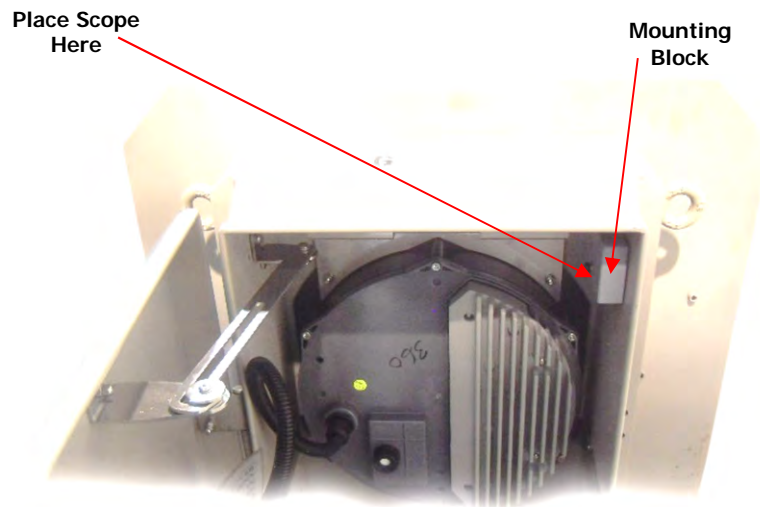


Figure 1.1.1



Figure 1.1.2



Three aspect short signal frames have an additional mounting block bolted on to the frame using the same threaded holes as the normal scope mount. Please refer to the operating and maintenance manual available from our website for more details.

Figure 1.1.1 shows a typical example of the sighting scope fitted (no mounting block).

Attach the camera using the thumbscrew in the Action Camera tripod mounting hole. Figure 1.1.2 shows a typical installation with the addition of the Camera Mounting bracket.

2 Scope assembly to Trunnion

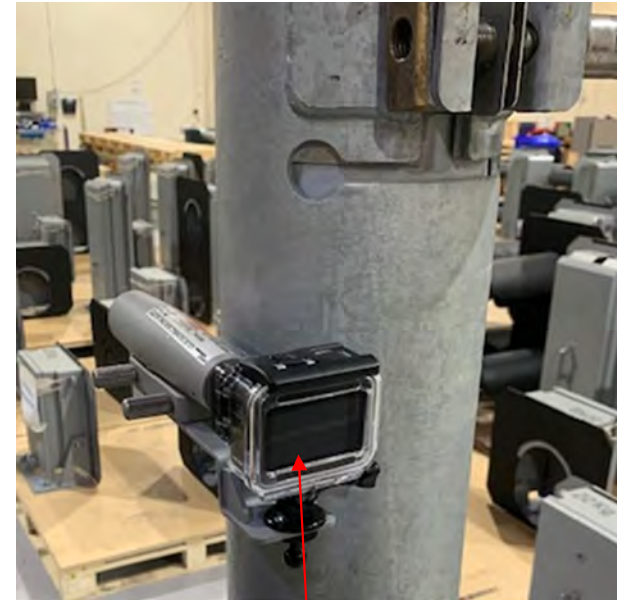
Place the associated sighting scope and camera on the mounting block as indicated below in figure 3.1.1 and 3.1.2. Line up the thumbscrews and finger tighten in to place. DO NOT Overtighten the thumbscrews.

Figure 3.1.1



Fit scope
as shown

Figure 3.1.2

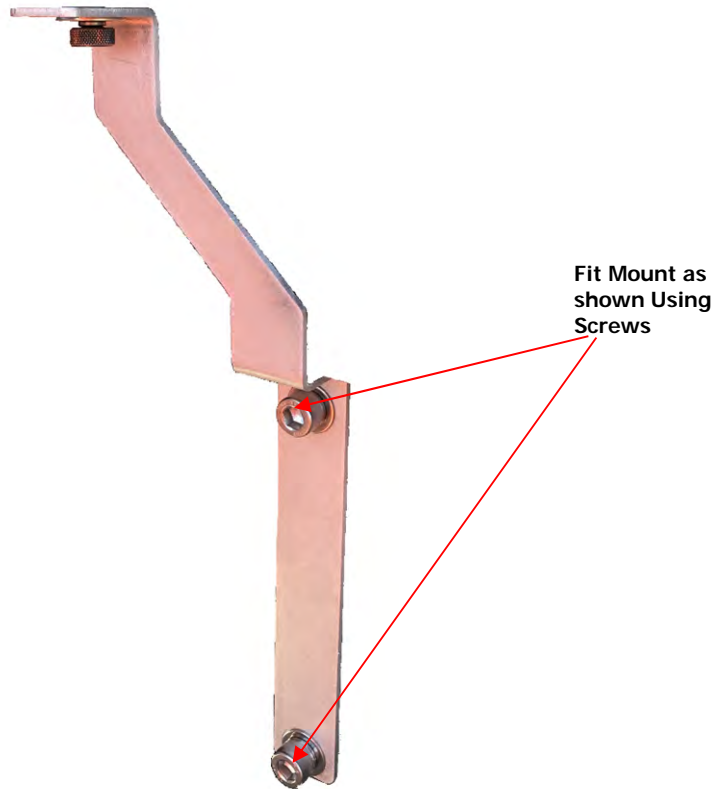


Fit Camera as shown
using the thumbscrew
into the tripod mount

3 Camera Mount to CLS

Place the sighting scope on the mounting block as indicated below in figure 4.1.1. Line up the thumbscrews and finger tighten in to place. DO NOT Overtighten the thumbscrews.

Figure 4.1.1



The detachable scope is not required for CLS units as the scope is integral to the unit this does not need annual recertification.

Figure 4.1.2 shows views of the camera mount on the module and view of camera setup.

Figure 4.1.2

