



NOTE:

THIS SCOPE OF THIS QRG COVERS THE CONVERSION OF THE SMS-14 FROM A NIGHT VISION MONOCULAR TO A CAMERA READY NIGHT VISION SURVEILLANCE SYSTEM. FOR OPERATION INSTRUCTIONS OF THE SMS-14, PLEASE REFER TO THE MUM-14 OPERATOR MANUAL PROVIDED WITH THIS SYSTEM.

**OBJECTIVE LENS REMOVAL**

Ensure that the monocular is OFF. Rotate the objective lens in counter-clockwise direction until a stop occurs. Unscrew the objective lens lock ring from the main housing. Unscrew the objective lens from the main housing.

**REMOVING AND INSTALLING THE OBJECTIVE LENS ADAPTER**

Unscrew the objective lens adapter and remove it from the main housing. To install the objective lens adapter, screw it into the main housing. Ensure that it is securely tightened so that the objective lens will operate correctly.

**INSTALLING AND REMOVING THE C-MOUNT ADAPTER RING**

The C-mount adapter allows for standard C-mount lenses to be attached and utilized with the SMS-14. Install the C-mount adapter ring by screwing it into the main housing of the SMS-14. Ensure that the adapter ring is securely tightened.

**OBJECTIVE LENS INSTALLATION**

Ensure that the objective lens adapter is securely installed into the main housing. Screw the objective lens into the objective lens adapter a full 360 degrees. To prevent damage to the threads, ensure that the threads are seated correctly before installing the objective lens. Screw the objective lock ring onto the objective lens adapter and ensure it is securely tightened.

CAUTION:

OPERATION IN HIGH LIGHT CONDITIONS CAN DAMAGE THE UNIT. INSTALL THE LENS CAP WITH BUILT-IN PINHOLE APERTURE FOR DAYLIGHT USE. THE SMS-14 IS NOT WATER RESISTANT TO ANY DEPTH.

**INSTALLING AN OPTIONAL C-MOUNT CAMERA LENS**

A C-mount camera lens (not provided) can now be installed into the C-mount adapter ring simply by screwing it into the C-mount adapter. Ensure that the C-mount camera lens will not interfere with the SMS-14 ON/OFF/IR switch before installing.

**ATTACHING THE SMS-14 TO THE CAMERA MOUNT**

Remove the eyecup from the SMS-14. Focus the eyepiece to mid-range of full travel. Unscrew the clamp knob of the camera mount until a stop occurs. Using the mini-rail furthest from the ON/OFF/IR switch, secure the SMS-14 into the clamp of the camera mount. Ensure the clamp knob is securely tightened to the mini-rail of the SMS-14.

**ATTACHING THE CAMERA MOUNT TO A CAMERA**

The camera mount is designed to align the SMS-14 to the camera. It features a 46mm adapter ring to mate with the lens of the camera being used. Other size camera lenses will require a step-down or step-up ring, which are commercially available.



After attaching the camera, turn the SMS-14 and the camera on. Focus the camera lens to infinity. Final focus of the system will be achieved using the SMS-14 diopter adjustment ring. Ensure that the camera mount slide adjustment is closed and that the adjustment knob is tightened securely.