TUSKIR384 Thermal System Quick Reference Card

TUSKIR384 External Features:

- 60mm Objective Lens Assembly
- Objective Focus Ring
- Tool-less Mount Assembly (not visible)
- Battery Compartment (not visible)
- Video Output/PC Connection
- Power Button (w/Phosphorescent Indicator)
- Eyepiece Diopter Focus Ring
- Eyepiece Assembly

- Front Handstrap Mount
- Digital Zoom & Image Capture Button
  - *Press & Release Once for 2X Digital Zoom, Press Again for 4X, Press Third Time to Turn Off Digital Zoom*
  - *Press and Hold 2 Seconds to Take Still Image*
- Battery Compartment Locking Knob (not visible)
- Shutter/NUC (non-uniformity correction) Button
- Display Luminance & Polarity Button
  - *Press and Hold 2 Seconds to select Polarity Mode: White Hot or Black Hot*
- Multi-Function System Control Panel

Fig.1 TUSKIR384 Top View

TUSKIR384 External Features Operation:

Power Button is located on left side of system. Depress fully to power on system. System will start within 5 seconds. Depress again to power off the system.

Eyepiece Diopter Focus Ring is adjusted by turning ring clockwise or counter-clockwise. Adjust until rear focus is clear for individual operator eyesight. Can also be used to extend eye relief.

System Control Panel is used for Zoom, Image Capture, NUC, Display Brightness and Polarity. All buttons serve two or more roles. See back of this card for operation overview or Operator Manual for more instructions.

Objective Focus Ring is adjusted by turning ring clockwise or counter-clockwise. Adjust until image in display is clear.

To adjust **Tool-less Mount**, depress the locking lever with your thumb and twist the nut on opposite side. Adjust until system fits snugly on rail and locking lever can still be closed by hand (no tools).

Battery Compartment Locking Knob must be turned until **Compartment** is fully seated and flush with sides of system housing to ensure waterproof seal and proper operation. Adjust by hand to finger-tight only. Use no tool(s) for tightening or system damage may result.

TUSKIR384 System Control Panel Operation:

DIGITAL ZOOM & IMAGE CAPTURE

Digital Zoom Button on system control panel is identified by letter "Z" and is located closest to objective lens.

Press **Zoom Button** once for 2X digital zoom (6X Magnification), press second time for 4X digital zoom (12X Magnification), press third time to return to standard optical magnification.

Image Capture - Press and hold down **Zoom Button** for 2 seconds to take digital picture. Display will change and show image is stored in [#] of 200 images available (e.g. **23/200**).

NUC

NUC Button is identified by letter "N" and is the middle button. Use **NUC Button** for both Internal or External (silent) mode.
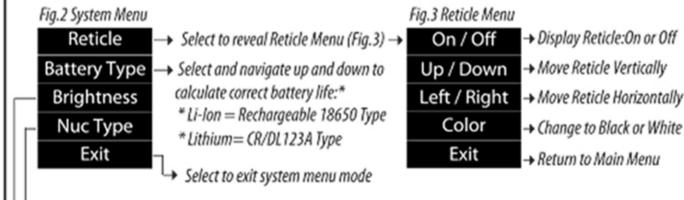
Press **NUC Button** to perform non-uniformity correction to recalculate scene and refresh image. Press & hold to select automatic or manual NUC mode (only applies to Internal NUC).

BRIGHTNESS & POLARITY

Brightness Button on system control panel is identified by "sun icon" and is the button closest to the eyepiece.

Press **Brightness Button** to change display luminance mode. Press and hold button to change polarity setting by selecting "white-hot" or "black-hot" mode. Repeat to change polarity.

TUSKIR384 System Menu Operation:

Access internal **System Menu** by pressing the **Zoom Button** and the **NUC Button** simultaneously on **System Control Panel**. Menu will be revealed on display (see Fig. 2). Use **Zoom** and **NUC** buttons to navigate through the menu options as indicated by arrows. The **Brightness Button** acts as the "Enter" or "Select" button in menus.

Fig.2 System Menu

- Reticle → *Select to reveal Reticle Menu (Fig.3)* →
- Battery Type → *Select and navigate up and down to calculate correct battery life:*
  - * Li-Ion = Rechargeable 18650 Type
  - * Lithium = CR/DL123A Type
- Brightness
- Nuc Type
- Exit → *Select to exit system menu mode*

→ *Select to change NUC/Shutter mode to Internal or External (silent "hunter" mode)*

→ *Select to change display brightness/luminance setting (Std. = 75, Range = 0 to 80)*

Fig.3 Reticle Menu

- On / Off → *Display Reticle: On or Off*
- Up / Down → *Move Reticle Vertically*
- Left / Right → *Move Reticle Horizontally*
- Color → *Change to Black or White*
- Exit → *Return to Main Menu*