

# CEHUD

## CONFORMAL ENHANCED HEADS UP DISPLAY

THE CEHUD - CONFORMAL ENHANCED HEADS UP DISPLAY - PROVIDES IMPROVED SITUATIONAL AWARENESS, REDUCED SENSOR-TO-SHOOTER GAP AND ENHANCED CAPABILITY TO DETECT, RECOGNIZE AND IDENTIFY TARGETS. IT IS A LIGHTWEIGHT, COMPACT AND RUGGEDIZED HUD THAT IS DAY OR NIGHT CAPABLE. DESIGNED FOR USE WITH THE AN/PVS-21 LPNV GOGGLE, MODEL 2740 MONOCULAR AND MODEL 2758 DAYVIEWER.



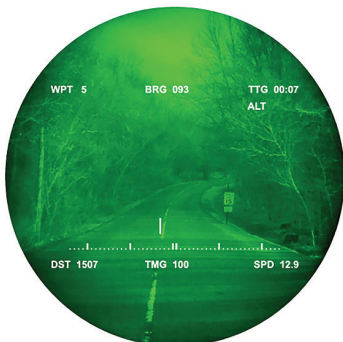
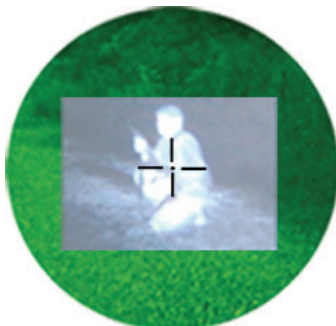
### ..... OVERALL FEATURES .....

- State-of-the-art sensor integration
- Accepts SVGA/VGA format color video signals or NTSC/PAL black & white video signals
- Digital video feeds are overlaid directly onto the operational view via an SVGA OLED
- Overlays key sensor information such as communication, navigation, threat assessment and targeting data directly onto the day or night view
- Eliminates the need to carry multiple video displays
- Fingertip adjustment of power, brightness, contrast and diopter adjustment
- Greatly enhances situational awareness

eOptics

**STEINER**   
Nothing Escapes You

..... CEHUD - CONFORMAL ENHANCED HEADS UP DISPLAY.....



The heads-up display presents communication, navigation, threat assessment and targeting data in real-time.

**Physical Features**

**Power:** (4) AA batteries

**Dimensions:** Display Module - 50mm x50mm 30mm

Helmet Mounted Power Module - 125mm x 70mm x 30mm

Vest/Pocket Power Module - 76mm x 146mm x 39mm

**Adjustments:**

Tilt - 14° on the goggle

IPD - 55 mm to 8mm

**Weight:**

Display Module - 70 grams / 2.5 ounces

Helmet-Mounted Power Module - 250 grams / 8.8 ounces

Vest/Pocket Power Module - 250 grams / 8.8 ounces

**Auxiliary Illumination Source:** IR LED - Off/Low/High-

**Controls:** On/Off, Brightness, Contrast and Diopter

**Optical Performance**

**Display:** Color capable SVGA

**Video Inputs:**

Analog SVGA display in 16.7 million colors

NTSC or PAL display in 256 gray shades monochrome

**Resolution:** SVGA - 800x600

**Angular Field-Of-View (through goggles):**

SVGA - 31.7°

VGA - 25.6°

View is similar to 17-in. monitor at 2.3 ft. distance

**Environmental**

**Operating Temperature Range:**

-30°C (-22°F) to 52°C (126°F)

**Storage Temperature Range:**

-40°C (-40°F) to 65°C (146°F)

**Operating Altitude:** Sea Level to 30,000 ft.

**Immersion:** Up to 10 meters



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