



## FOR WRITING IN NO-LIGHT LOW-LIGHT SETTINGS BY OPERATORS USING NVGs

Allows operators to covertly write messages and make marks on walls and surfaces that are only visible through Night Vision Goggles (NVGs)



## FEATURES

Ideal for clearing locations, breadcrumbing into buildings, close quarters battle, tagging, tracking and locating. CrayTac allows operators wearing NVGs to write on walls and surfaces in an “infrared ink” visible only to other team members with NVGs. CrayTac allows for dynamic team messaging and ensures effective communication between warfighters yet remains invisible to the enemy.

- Specific messaging on any hard surface (concrete, wood, glass and metal)
- Invisible to the naked eye, visible through II and III NVG systems
- 90-minute duration once applied
- Functional equivalent to 1,000 chemlights
- 2,000 linear feet of writing capability

## PRODUCT DESCRIPTION

GSA Contract Number	47QSWA20D000X
Description	Reusable Infrared Writing Crayon
Color	Infrared
Quantity	12 per carton, 4 cartons per case (48 total) or 12 cartons per case (144 total)

## CONSTRUCTION

Crayon	Paraffin Wax
Applicator	PA 12 NYLON (20% Glass-Filled Nylon)

## PHYSICAL PROPERTIES

### OPTICAL

IR Wavelength	Near IR (700-850nm)
NVG Compatibility	All generation II and III night vision systems
Duration	Writing visible for 90 minutes (+)

### MECHANICAL

Height	117.5 mm (4.625 Inches)
Width	25.4 mm (1 Inch)
Weight	50 Grams (1.76 ounces)
Tensile Strength (Applicator)	7,251 PSI
Surface	Tactical Texturizing
Operation	Dial at bottom advances/retracts product

### ENVIRONMENTAL

Immersion	Waterproof
Operating Temperature	-17°C to 70°C (based on wax configuration)

## OPERATING INSTRUCTIONS



**STEP 1.** CrayTac requires night conditions with no light and night vision goggles to write and read messages.

**STEP 2.** Extend wax writing material ½ inch by turning the applicator base counter-clockwise.

**STEPS 3-6.** Write messages on any surface under night conditions using night vision goggles to see. Writing is invisible to the naked eye.

**STEP 7.** Messages will glow in infrared and remain visible through night vision goggles for up to 90 minutes before fading out.

**STEP 8.** CrayTac crayon may be reused repeatedly by rubbing the exposed end on a rough surface to re-activate the materials.

See CrayTac in action - <https://youtu.be/0wyqOVQneLs>  
<https://youtu.be/7b1e-M9pgUE>



### GSA link



[https://www.gsaadvantage.gov/advantage/ws/search/advantage\\_search?q=19:547QSWA20D000X&q=10:5BATTLE%20SIGHT%20TECHNOLOGIES&s=3&searchType=1](https://www.gsaadvantage.gov/advantage/ws/search/advantage_search?q=19:547QSWA20D000X&q=10:5BATTLE%20SIGHT%20TECHNOLOGIES&s=3&searchType=1)

Sales@BattleSightTech.com  
 601 E. 3<sup>rd</sup> Street  
 Dayton, OH 45402

www.BattleSightTech.com



937.260.4431  
 CAG E – 7XAX1  
 UEI – MCKJBK7C3H81