



Equipped with X Factor technology and the industry's longest battery run time, the small, lightweight, NFPA 1801 Certified Bullard NXT lets firefighters focus on seeing the most critical details in the heat of the fire when they need it most.



INNOVATIONS for the Fire Service

The Bullard NXT is designed not only for long-lasting service on the front line but also low total cost of ownership in the back office. It is purpose-built for today's fire service including NFPA Certification and the industry's:

- · Longest battery run time
- Best image quality
- Most desired form factor
- First wireless charging systems
- Most proven durability

EASY to Use

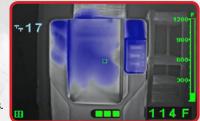
• Leading imager and battery warranty

Outstanding PERFORMANCE

The image clarity you have come to expect from the X Factor Family is further refined in the NXT. Equipped with an ultra-high performance LCD display that greatly increases brightness and contrast, the NXT lets firefighters see more clearly in smoke and direct sunlight. Bullard's NXT can exceed eight hours of continuous run time for the ultimate performance in fire conditions.

ADVANCED Features

The Bullard NXT is loaded with advanced features, including Super Red Hot colorization, intuitively highlighting high-heat scenes in brilliant shades of yellow, orange, and red, and temperature measurement in numeric and relative heat indicator formats. Optional features include Bullard's exclusive Electronic Thermal Throttle®, which enables firefighters to optimize scenes with the touch of a button, 2X/4X Digital Zoom that lets firefighters get closer to the action, and Bullard's SceneCatcher Digital Video Recorder that allows firefighters to capture five hours of video and store hundreds of still images.



Electronic Thermal Throttle®

Like the popular LDX, Bullard's NXT is distinguishable from other thermal imagers by its uniquely focused compact ergonomics designed specifically for the fire service. The imager's power button design enables easy powering on and off with a gloved hand. Additionally, multiple colors are available for departmental identification. The wireless charging systems are compact, simple, and allow for easy continuous use.

Unmatched DURABILITY

The NXT is built Bullard Tough for the way firefighters work. The imager comes **standard** with a five-year, industry-leading warranty not only on the imager but also on the battery.

NFPA 1801 CERTIFIED

SEE THE CLARITY

FACTOR
THERMAL IMAGERS

www.bullard.com

MADE IN THE U.S.A.



Technical Specifications – NFPA 1801 Certification

Physical

Configuration Small Handheld Thermal Imager Weight (w/battery) 2.4 lbs. (1.09 kg) H 5.4" (137 mm), W 4.6 (117 mm), L 8.2" (208 mm) Dimensions Ultem® Thermoplastic Housing Material **Upper Housing Colors** Red (standard), Metallic Blue, Blue, Yellow,

Lime-Yellow, Orange, White, Black

Electrical

Lower Housing Color

Power Source Lithium-ion Rechargeable Battery 6400 mAh **Battery Capacity**

> 800 @ 70% Capacity **Battery Cycles** Start-up Time < 4 Seconds

Operating Time >6 hours (with or without DVR operating); 7-8 hours in routine conditions

Recharge Time 5 hours from fully depleted

Infrared Detector

Detector Type Microbolometer **Detector Sensing Material** Vanadium Oxide **Detector Resolution** 320 x 240 Spectral Response $7-14 \mu$ 60 Hz Update Rate NETD $< 30 \, \text{mK}$ Dynamic Range 1100° F Pixel Pitch $17 \mu m$ Video Polarity White-Hot

Lens

Material Germanium Field of View 31° V x 40° H Focus 1 m to ∞ Speed f/1.3

Display

Americas:

Bullard 1898 Safety Way

Viewing Angle (Typical)

Digital, Liquid Crystal Display (LCD) Туре Size 3.5" (89 mm) Diagonal TFT Active Matrix Pixel Format 500 cd/m2 (minimum) Brightness Contrast Ratio 350:1 (typical) **Standard Features**

Temperature Measurement Numeric and Bar Style **Engages automatically** Super Red Hot Colorization above 500°F

Optional Features and Accessories (if so equipped)

Electronic Thermal Throttle Blue Hot Spot Colorization (Manually activated)

Digital Zoom 2X/4X SceneCatcher Digital Video Recorder (DVR) Video Format NTSC Video File Type AVI Video Image Size 720 x 480 Video Record Time 5.5 hours Connection Micro USB

Retract Strap Hard Case

Charging Systems

Wireless Desktop Charging System (standard) Wireless Truck Mount Charger (optional)

Performance

500° F (260° C) Heat Resistance 5 minutes with no damage to electronics 350° F (177 °C) Heat Resistance 15 minutes of continued operation with no damage

-4° F (-20° C) Cold Resistance Continued operation

Water Resistance TP67 Impact Resistance 2 meter drops on concrete with no damage

Conforms to ISA STD 12.12.01 Hazardous Locations

CLASS I DIV 2, GROUP A, B, C, D, T6 CLASS II DIV 2, GROUP F & G

ANSI/ISA-12.12.01-2015 CSA-C22.2 No. 60079-0:15 IEC 60079-0:2011, MOD

Encapsulation IP6X (ANSI/IEC 60529) Radiated Emissions FCC 47 CFR Part 15B EN 55022:2006 Electromagnetic Immunity IEC 61000-6-1:2005 EN 55024:2010 Internal Battery UN/DOT 38.3 IEC 62133 2nd edition

NFPA 1801, Standard on Thermal Imagers for the Fire Service

Five (5) years on both thermal imager and battery

Accessories



Wireless Truck Mount Charger

Cynthiana, KY 41031-9303 • USA

Toll-free within USA: 877-BULLARD (285-5273)



Wireless Desktop Charger (included as standard)





Europe: **Bullard GmbH** Lilienthalstrasse 12 53424 Remagen • Germany Tel: +49-2642 999980 Fax: +49-2642 9999829

Top = 60° , Bottom = 40° , Left / Right = 60°

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