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
- 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.

EASY to Use

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

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)
Dimensions: H 5.4” (137 mm), W 4.6 (117 mm), L 8.2” (208 mm)
Housing Material: Ultem® Thermoplastic
Upper Housing Colors: Red (standard), Metallic Blue, Blue, Yellow, Lime-Yellow, Orange, White, Black
Lower Housing Color: Black

Electrical
Power Source: Lithium-ion Rechargeable Battery
Battery Capacity: 6400 mAh
Battery Cycles: > 800 @ 70% Capacity
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: Microbolkometer
Detector Sensing Material: Vanadium Oxide
Detector Resolution: 320 x 240
Spectral Response: 7-14µ
Update Rate: 60 Hz
NETD: < 30 mK
Dynamic Range: 1100° F
Pixel Pitch: 17 µm
Video Polarity: White-Hot

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

Display
Type: Digital, Liquid Crystal Display (LCD)
Size: 3.5” (89 mm) Diagonal TFT Active Matrix
Pixel Format: RGB
Brightness: 500 cd/m2 (minimum)
Contrast Ratio: 350:1 (typical)
Viewing Angle (Typical): Top = 60°, Bottom = 40°, Left / Right = 60°

Standard Features
Temperature Measurement: Numeric and Bar Style
Super Red Hot Colorization: Engages automatically 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 (-20º C) Cold Resistance: Continued operation
Water Resistance: IP67
Impact Resistance: 2 meter drops on concrete with no damage

Hazardous Locations
Conforms to ISA STD 12.12.01
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)
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

Warranty
Five (5) years on both thermal imager and battery

Accessories
Wireless Truck Mount Charger
Wireless Desktop Charger (included as standard)
Retract Strap

Americas:
Bullard
1898 Safety Way
Cynthiana, KY 41031-9303 • USA
Toll-free within USA: 877-BULLARD (285-5273)
Tel: +1-859-234-6616
Fax: +1-859-234-8987

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

Asia-Pacific:
Bullard Asia Pacific Pte. Ltd.
LHK Building
701, Sims Drive, #04-03
Singapore 387383
Tel: +65-6745-0556
Fax: +65-6745-5176

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