



NXT

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:

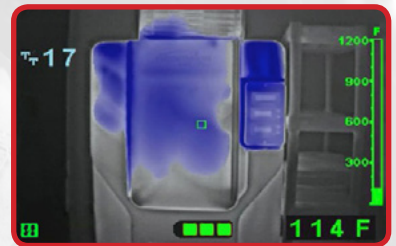
- Longest battery run time
- Best image quality
- Most desired form factor
- First wireless charging systems
- Most proven durability
- Leading imager and battery warranty

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®

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

SEE THE CLARITY.



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) |
| 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

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|------------------|---|
| 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

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|---------------------------|----------------|
| Detector Type | Microbolometer |
| Detector Sensing Material | Vanadium Oxide |
| Detector Resolution | 320 x 240 |
| Spectral Response | 7-14 μ |
| Update Rate | 60 Hz |
| NETD | < 30 mK |
| Dynamic Range | 1100° F |
| Pixel Pitch | 17 μ m |
| Video Polarity | White-Hot |

Lens

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

Display

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|-------------------------|---|
| 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

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|----------------------------|-----------------------------------|
| 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

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

Performance

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|--|--|
| 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 | 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) |
| 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, <i>Standard on Thermal Imagers for the Fire Service</i> | |

Warranty

Five (5) years on both thermal imager and battery

Accessories



Wireless Truck Mount Charger



Wireless Desktop Charger (included as standard)



Retract Strap