HIGH DEFINITION PEACE OF MIND

Record outstanding 4MP Super HD video for double the detail of 1080p. Advanced Color Night Vision™ and True HDR technology ensure clear identification in the most challenging lighting conditions, indoors and outdoors. Convenient one cable installation provides power to the camera and carries HD video to the recorder.

FEATURES:

- High definition 4MP image sensor delivers double the detail of 1080p
- 4MP Super HD video recording provides superior quality for reviewing fine details in heightened resolution
- Color Night Vision™ provides full color images at night, letting you identify objects and people more accurately than in black & white
- IR night vision range up to 130ft (40m) in ambient lighting and 90ft (27m) in total darkness
- ClearNight imaging for improved low light performance and improved recording efficiency
- True High Dynamic Range (HDR) improves image clarity in high-contrast lighting, revealing details in extremely bright and dark areas of the image
- Intelligent compression saves recording space by optimizing video performance based on available bandwidth
- Wide angle 83° field of view (horizontal)
- Ceiling / wall mountable
- Simple camera installation using a single CAT5e cable with Power over Ethernet (PoE)
- UL-compliant cable suitable for surface and in-wall installation
- Extend the camera’s video and power with a single Ethernet cable up to 300ft (91m) from the recorder
- Single-screw bracket adjustment for faster installation
- Cold climate capability (-22°F / -30°C)
- Weatherproof metal housing for outdoor & indoor installation (IP66 Rated)

Color Night Vision™

True High Dynamic Range (HDR) Image Clarity

4MP Super HD  83° Field of View  130/90 FT  40/27 M Night Vision  Indoor/outdoor

LNB4321 Series  www.lorextechnology.com
**Product Information**

<table>
<thead>
<tr>
<th>Model</th>
<th>LNB4321B</th>
</tr>
</thead>
<tbody>
<tr>
<td>Configuration</td>
<td>4MP Super HD IP Bullet Camera</td>
</tr>
<tr>
<td>Package</td>
<td>Brown Box</td>
</tr>
<tr>
<td>Package Dimensions</td>
<td>15.9 × 5.7 × 4.6”</td>
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<tr>
<td></td>
<td>406 × 117 × 117mm</td>
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<tr>
<td>Package Weight</td>
<td>1.4lbs / 0.6kg</td>
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<tr>
<td>Package Cube</td>
<td>0.24cft / 0.007cbm</td>
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<tr>
<td>UPC</td>
<td>6-95529-00707-6</td>
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<tr>
<td>Contents</td>
<td>1x 4MP HD IP Bullet Camera, 1x 60ft (18m) UL-Compliant CAT5e Ethernet Cable, 1x Mounting Kit, Quick Setup Guides</td>
</tr>
</tbody>
</table>

**Specifications**

- **Image Sensor**: 1/3” 4MP
- **Video Format**: NTSC / PAL
- **Effective Pixels**: H: 2688 × V: 1520
- **Resolution**: 4MP (2688×1520) @ 20fps
- **Scan System**: Progressive
- **Sync System**: Internal
- **S/N Ratio**: ≥42dB (AGC OFF)
- **Iris**: EIS
- **AES Shutter Speed**: 1/3 (1/4) ~ 1/100,000s
- **Min. Illumination**: 0.38 lux without IR, 0.28 lux with IR
- **Video Output**: IP
- **Lens / Lens Type**: 3.6mm F2.0 / Fixed
- **Field of View (Horizontal)**: 83°
- **Termination**: RJ45 Ethernet / 12V DC Power Barrel (optional)
- **IR LED Type**: 850nm
- **Night Vision Range**: 130ft (40m) / 90ft (27m) ³
- **Color Night Vision™**: Yes
- **Power Requirement**: PoE (Power over Ethernet) Class 3 / 12V DC
- **Power Consumption**: Max. 265mA / 3.2W
- **Operating Temp. Range**: -22° ~ 140°F / -30° ~ 60°C
- **Operating Humidity Range**: <95% RH
- **Environmental Rating**: IP66 (Indoor / Outdoor) ⁴
- **Weight**: 0.93lbs / 0.42kg

**Dimensions**

- **Height**: 75mm / 3.0”
- **Width**: 72mm / 2.8”
- **Depth**: 172mm / 6.7”

**Disclaimers**

1. Compatible with all Lorex HD NVRs except for LNR100 (LNR110 supported), LNR200 & LNR300 Series. For the most up-to-date list of compatible recorders, visit www.lorextechnology.com/support
2. Full color nighttime video typically switches to black & white IR night vision below 1 lux to ensure optimal low-light image quality.
3. Stated IR illumination range is based on ideal conditions in typical outdoor night time ambient lighting and in total darkness. Actual range and image clarity depends on installation location, viewing area, and light reflection / absorption level of object. In low light, the camera will switch to black and white.

**Installation Diagram**

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