VIEW SUPERIOR 4K ULTRA HD RESOLUTION VIDEO WITH 4X THE DETAIL OF 1080p. FEATURING THE LATEST IN PROFESSIONAL GRADE VIDEO TECHNOLOGY ENSURING CLEAR IDENTIFICATION, INDOORS AND OUTDOORS. INTRODUCING INDUSTRY LEADING H.265 COMPRESSION, OFFERING SIGNIFICANT BANDWIDTH AND VIDEO STORAGE CAPACITY OVER OLDER COMPRESSION TECHNOLOGIES.

FEATURES:

- Ultra HD 4K image sensor delivers 4x the detail of 1080p
- 4K video recording provides ultra HD quality even when zoomed, offering clearer identification in video evidence
- Color Night Vision™ delivers full color nighttime video for improved recognition of objects in low light conditions
- 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
- H.265 offers significant bandwidth and video storage savings over older compression technologies, extending the amount of video stored on the hard drive
- Intelligent compression saves recording space by optimizing video performance based on available bandwidth
- Wide angle 88° field of view (horizontal)
- Ceiling/wall mountable
- Simple camera installation using a single CAT5e cable with Power over Ethernet (PoE)
- 60ft (18m) CAT5e cable included per camera
- Extend the camera’s video and power with a single Ethernet cable up to 300ft (91m) from the recorder
- Cold climate capability (-22°F / -30°C)
- Weatherproof Ethernet connector cover for a protective seal against the elements
- Weatherproof metal housing for outdoor & indoor installation (IP66 Rated)

SEE IT ALL IN 4K RESOLUTION

www.lorextechnology.com
**Product Information**

<table>
<thead>
<tr>
<th>Model</th>
<th>LNB8005B</th>
</tr>
</thead>
<tbody>
<tr>
<td>Configuration</td>
<td>4K Ultra HD IP Bullet Security Camera</td>
</tr>
<tr>
<td>Package</td>
<td>Brown Box</td>
</tr>
<tr>
<td>Package Dimensions (W × D × H)</td>
<td>15.9 × 6.7 × 4.5”</td>
</tr>
<tr>
<td>Package Weight</td>
<td>3.3lbs / 1.4kg</td>
</tr>
<tr>
<td>Package Cube</td>
<td>0.2cbf / 0.005cbm</td>
</tr>
<tr>
<td>UPC</td>
<td>6-95629-01405-0</td>
</tr>
<tr>
<td>Contents</td>
<td>1× 4K Ultra HD IR IP Bullet Camera, 1× 60ft (18m) CAT5e Ethernet Cable, 1× Mounting Kit, Quick Setup Guides</td>
</tr>
</tbody>
</table>

**Specifications**

- **Image Sensor**: 1/2.5” 8MP
- **Video Format**: NTSC
- **Compression**: H.265/H.264 4
- **Effective Pixels**: H: 3840 × V: 2160
- **Resolution**: 8MP/4K (3840x2160) @ 15fps
- **Scan System**: Progressive
- **Sync System**: Internal
- **S/N Ratio**: ≥ 42dB (AGC OFF)
- **Iris**: EIS
- **AES Shutter Speed**: 1/3 (1/4) ~ 1/10,000 seconds
- **Min. Illumination**: 0.5 lux without IR, 0.3 lux with IR
- **Video Output**: IP
- **Lens / Lens Type**: 4mm F1.6 / Fixed
- **Field of View (Horizontal)**: 88°
- **Termination**: RJ45 Ethernet / 12V DC Power Barrel (optional)
- **IR LED Type**: 850nm
- **Night Vision Range**: 130ft (40m) / 90ft (27m) 3
- **Power Requirement**: PoE (Power over Ethernet) Class 0 / 12V DC
- **Power Consumption**: Max. 330mA / 4W
- **Operating Temp. Range**: -22° ~ 140°F / -30° ~ 60°C
- **Operating Humidity Range**: <95% RH
- **Environmental Rating**: IP66 (Indoor / Outdoor) 5
- **Weight**: 1lb / 0.5kg

**Dimensions**

- 2.8” / 70mm
- 4.2” / 106mm
- 2.9” / 70mm
- 7.1” / 180mm

**Disclaimers**

1. Compatible with the Lorex HD LNR600/LNR610 Series NVRs only. For the most up-to-date list of compatible recorders, visit www.lorextechnology.com/compatibility
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.
4. You must connect the camera to a supporting H.265 NVR to take advantage of H.265 compression. For instructions on enabling H.265 compression, visit lorextechnology.com/support

**Installation Diagram**

1. Connect the Ethernet cable to the camera.
2. Connect the other end of the Ethernet cable to the NVR PoE ports. The camera may take up to 1 minute to power up after being connected to the NVR.
3. Connect the camera to a router or switch on your network.
4. See the NVR Instruction Manual for details on connecting the camera to your NVR.