SEE IT ALL WITH OUTSTANDING 4MP RESOLUTION

View your world from every angle with advanced pan-tilt-zoom capabilities and full 2K resolution with double the detail of 1080p. Color Night Vision™ delivers full color nighttime video for clearer identification in low light conditions. Control the camera’s movement remotely to view the entire scene from your NVR, or from a connected smartphone, tablet or computer. With its ability to pan left and right, tilt up and down, and zoom incredibly close thanks to a 12× optical zoom lens, this PTZ camera can do it all. See in complete darkness with up to 330ft IR night vision range.

Features:

- Super High definition 4MP image sensor delivers double the detail of 1080p
- Powerful 12× optical zoom and 16× digital zoom to focus in on even the finest details
- 4MP Super HD video recording provides superior quality for reviewing fine details in heightened resolution
- Color Night Vision™ delivers color nighttime video for improved recognition of objects in low light conditions
- IR night vision range up to 330ft (100m) in total darkness
- ClearNight imaging for improved low light performance and improved recording efficiency
- 360° continuous panning rotation for complete area coverage. Up to 200° per second panning speed
- Control PTZ camera movement and transmit video and power (PoE+/ 802.3at) over a single network cable
- Program preset viewing points and tours when connected to a NVR
- Remote control of the PTZ camera using a smartphone or tablet when connected to a NVR
- Day/Night mode: picture automatically switches to B&W delivering better clarity in low light conditions
- Weatherproof (IP66-rated) camera with extreme temperature performance (-40° ~ 158°F / -40° ~ 60°C)
- Wall mount bracket & 100ft (31m) extension cable included for installation flexibility

4MP Super High Definition 12X Optical Zoom 360° Rotation

LNZ44P12B www.lorex.com
Specifications

- **Image Sensor**: 4MP, 1/3” CMOS
- **Video Format**: NTSC / PAL
- **Effective Pixels**: 2592(H) x 1520(V)
- **Resolution**: 4MP (2592×1520) @ 30fps
- **Range**: Pan: 0° ~ 360° endless; Tilt: -15° ~ 90°, Auto Flip: 180°
- **Pan/Tilt Speed**: Manual Speed — Max 200°/Sec Pan; Max 120°/Sec Tilt
  - Preset Speed — Max 240°/Sec Pan; Max 200°/Sec Tilt
- **Zoom**: 12x Optical Zoom & 16x Digital Zoom
- **Scan System**: Progressive
- **Sync System**: Internal
- **S/N Ratio**: >50dB (AGC Off)
- **Iris**: DC Auto Iris w/Hall-effect
- **AES Shutter Speed**: 1/1s~1/30,000s
- **Min. Illumination**: 0.1 lux@F1.6 (Color) without IR
  - 0.01 lux@F1.6 (B/W) with IR
- **Video Output**: IP
- **Audio**: N/A
- **Lens / Lens Type**: 5.3mm ~ 64mm, F1.6 ~ F4.4 / Zoom Module
- **Field of view (Horizontal)**: 54°~4°
- **Termination**: RJ45 10/100Mbps Ethernet
- **Night Vision Range**: 330ft/100m, 850nm
- **Day / Night**: Yes
- **Color Night Vision™**: Yes
- **Power Requirement**: PoE+ (802.3at); 12V DC (Optional)
- **Power Consumption**: 3.0A
- **Operating Temp. Range**: -40°F ~ 158°F / -40°C ~ 70°C
- **Operating Humidity Range**: <90% RH
- **Environmental Rating**: IP66 (Indoor / Outdoor)
  - Dimensions Camera Only (Dia. × H): 6.3” × 11.6” / 160 × 295mm
  - Dimensions with Wall Mount (D × W × H): 9.9” × 6.3” × 14.3” / 251mm × 160mm × 363mm
- **Weight**: 6.6lbs / 3kg (camera only)
  - 8.6lbs / 3.9kg (with wall mount)
- **Vandal Rating**: N/A

Disclaimers

1. Compatible with select Lorex NVRs. For the most up-to-date list of compatible recorders, visit [www.lorex.com/compatibility](http://www.lorex.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.