



# HD Pan/Tilt Wi-Fi Camera

See up to 360 degrees horizontally  
and 150 degrees vertically



NC450



Night  
Vision



Motion  
Detection



Micro SD  
Card Slot

# Highlights

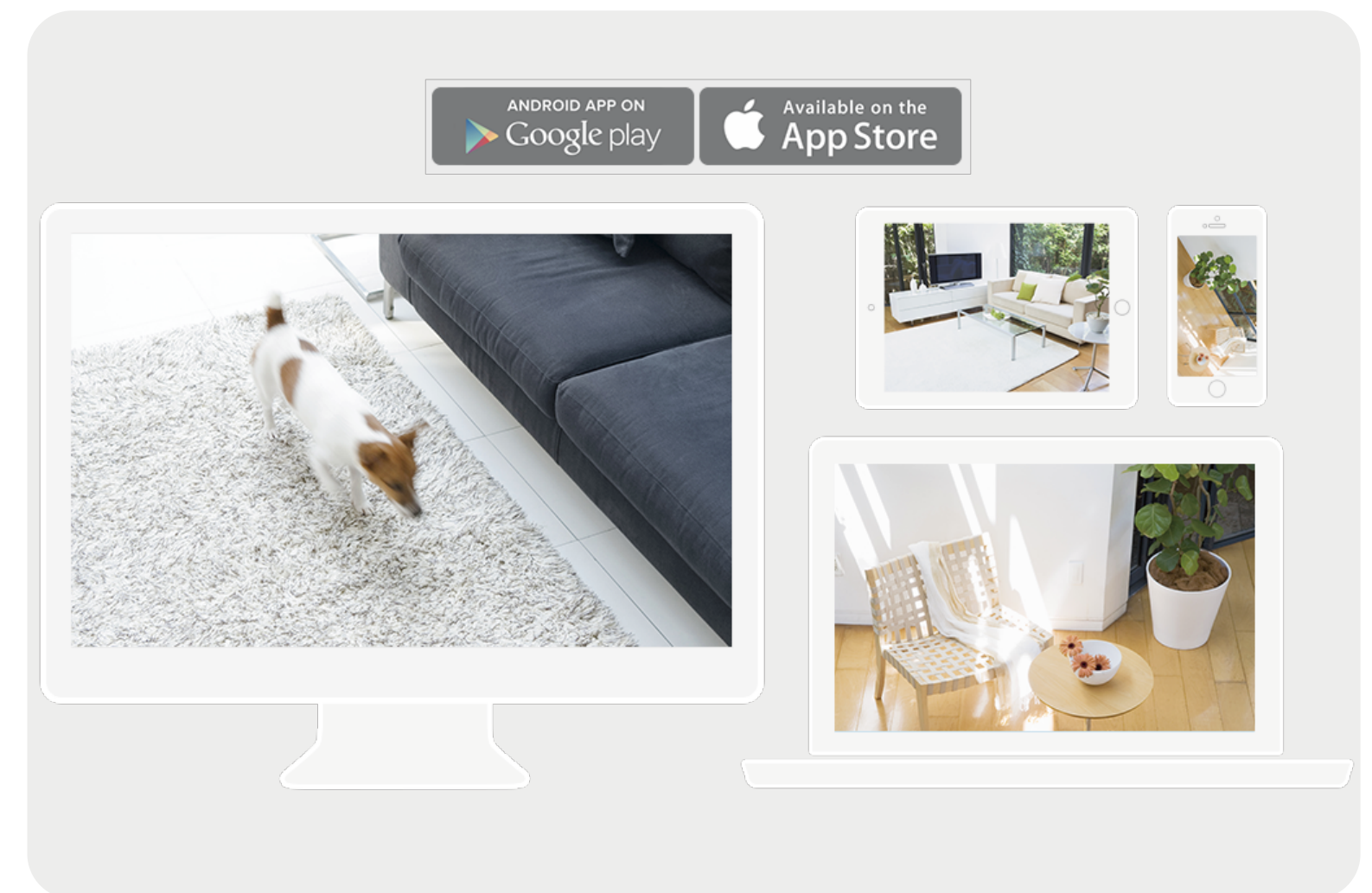
## Stay Connected and Secure

The NC450 helps you look after what matters most. With its smooth and durable Pan/Tilt, you can turn the camera to almost any position you want to view HD video from your smartphone, tablet or laptop, and its Night Vision mode helps you keep track of things in the dark. For peace of mind, the camera can send you email and smartphone alerts when it detects motion or sound.



## Anywhere, Anytime Access

The tpCamera app and tplinkcloud.com web portal allows you to take control of your Wi-Fi camera anywhere, anytime over the internet. View live feed, record videos, and snap pictures to your heart's desire. You can also use the tpCamera app to view pictures and videos you've saved or check those that have been triggered by motion or sound detection. Check what's happening and never miss a special moment, even when you're not on the scene.

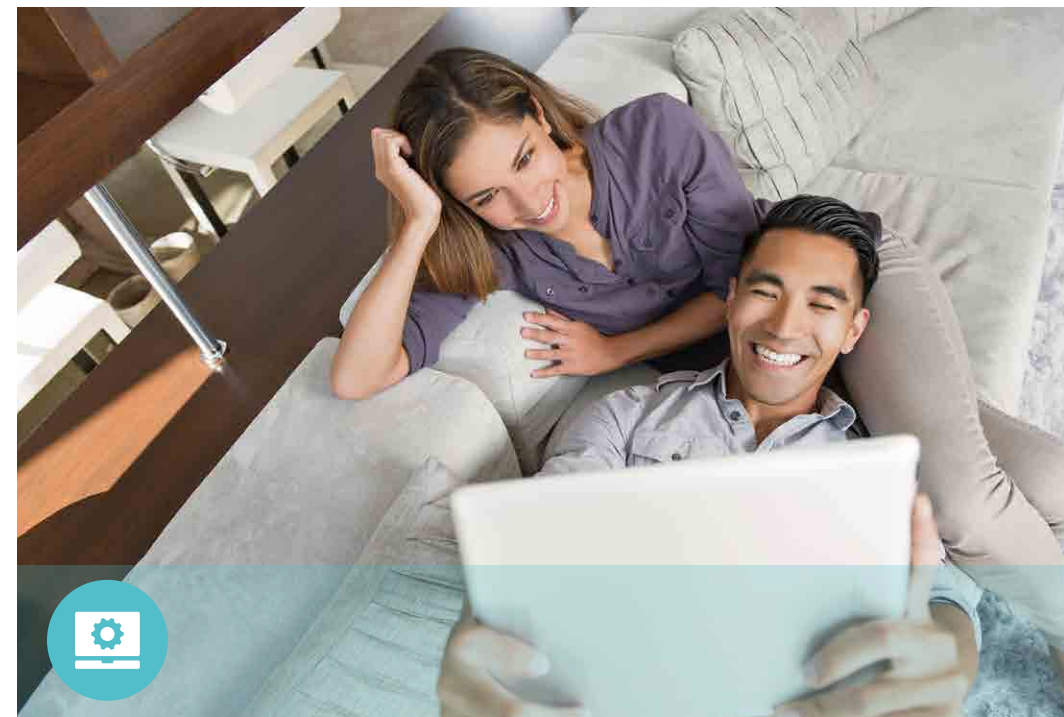


# Features



## Better View

- **720P HD Resolution** – HD resolution gives a sharper, clearer and crisper imaging experience
- **Pan/Tilt** – See up to 360 degrees horizontally and 150 degrees vertically
- **IR LEDs for Night Vision** – Automatic night vision functionality provides 24/7 surveillance
- **H.264 Video Compression** – Deliver smooth HD video streaming while consuming less bandwidth



## Multiple Applications

- **Secure Your Lifestyle** – The Wi-Fi camera helps you to keep in touch with what matters most, giving you a peace of mind, both at home and in the office
- **Live Video** – Check up on what's happening with high-quality HD live videos on your smartphone, tablet or computer from anywhere
- **Communicate with Ease** – Connect with your family instantly with 2-way communication
- **Multi-user Access** – Invite and share your camera access with family and friends
- **Micro SD Card Storage** – Save your videos and pictures triggered by motion and sound detection thanks to an integrated Micro SD card slot



## Ease of Use

- **WPS Support** – Connect to your wireless network easily via the WPS function on both the camera and compatible wireless routers
- **Anywhere and Anytime** – Quick and easy remote camera access with the tpCamera app and [tplinkcloud.com](http://tplinkcloud.com) web portal
- **Passive PoE** – Power the camera through the Ethernet cable, giving you greater flexibility in placing the camera without worries about power outlet

# Features



## Security

- Instant Alert With App and Email Notifications – Immediately notify you via the app and email when something is up, keeping you and your family aware of what's going on
- Encrypted Video Data – The camera's encrypted video data adds an extra layer of security to your monitoring



## Wi-Fi Performance

- Fast 300Mbps Wi-Fi – 300Mbps wireless speed for stable connectivity

# Specifications

## Camera

- Image Sensor: 1/4" progressive scan CMOS sensor
- Resolution: 1.0 Megapixel (1280 x 720 )
- Lens: F: 2.0, f: 3.6 mm
- Viewing Angle: FOV = 75°, see up to 360/150 degrees with Pan/Tilt
- Night Vison: 850 nm LEDs brighten up to 26 feet

## Audio

- Audio Communication:
  - 2-way audio
  - Adjustable audio alerts
- Audio Input: Built-in microphone
- Audio Output: Built-in speaker

## Video

- Video Compression: H.264
- Frame Rate: Configurable up to 30fps
- Image Settings:
  - Full color
  - Auto white/black balance and exposure
  - Rotation: Mirror, Flip
  - Configurable brightness, contrast, saturation
  - Overlay capabilities: time, date, text

## Alarm and Event Management

- Input Trigger: Motion/Sound detection
- Notification Method: E-mail, App notification, FTP
- Detection Settings:
  - Configurable hot zone
  - Adjustable sensitivity
  - Store to Micro SD card

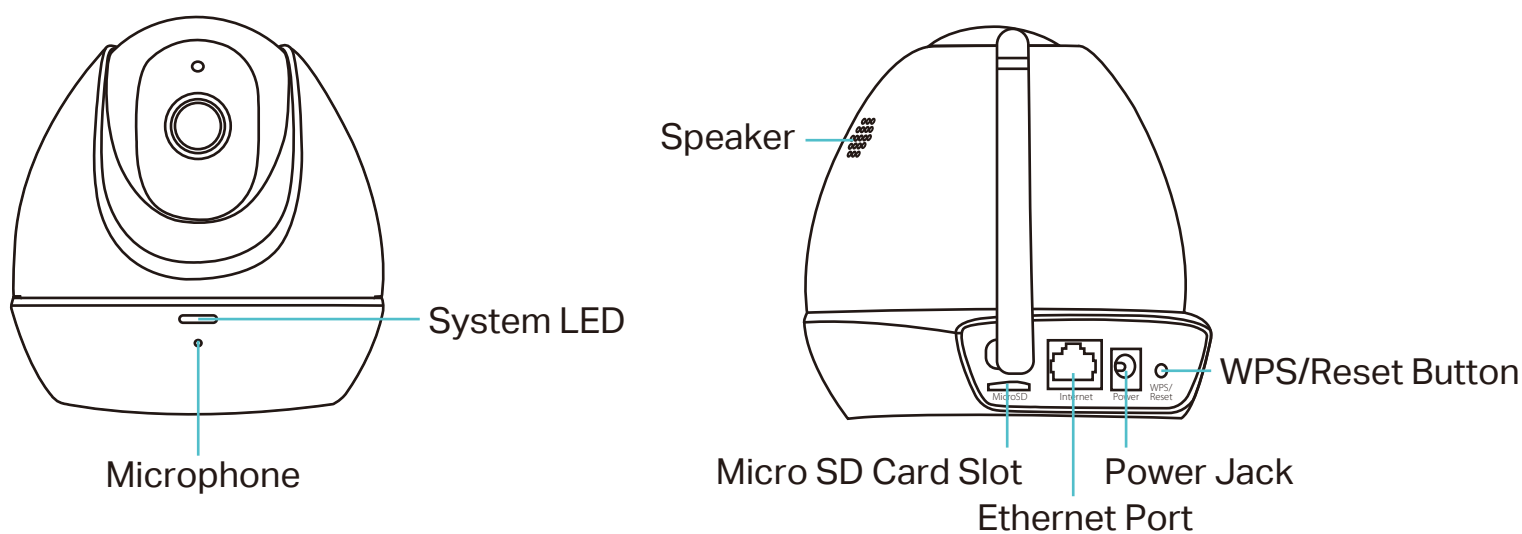
## Network

- Protocol: Bonjour, TCP/IP, DHCP, ARP, ICMP, DNS, NTP, HTTP, HTTPS, TCP, UDP
- Security: Multiple password-protected user levels
- Wireless Data Rates: IEEE 802.11 b/g/n, up to 300Mbps
- Frequency: 2.4-2.4835GHz
- Wireless Transmit Power: <20dBm (EIRP)
- Wireless Encryption: WEP, WPA/WPA2, WPA-PSK/WPA2-PSK

# Specifications

## Hardware

- Power Connector: DC power jack
- Ethernet: RJ-45 for Ethernet 10/100 Base-T
- Button: WPS/Reset button
- LED: System LED, WPS LED
- External Storage: Micro SD card slot
- External Power Supply: 12V/1A, Max 12W
- Dimensions (W x D x H): 5.7 x 4.3 x 4.2 in. (144 x 109 x 106 mm)



For more information, please visit  
<http://www.tp-link.com/en/products/details/?model=NC450>  
or scan the QR code left

## Others

- Certifications: CE, FCC, RoHS
- Package Contents
  - HD Pan&Tilt Day/Night Cloud Camera
  - Passive PoE Injector
  - Detachable Antenna
  - Power Adapter
  - Extension Cable
  - RJ-45 Ethernet Cable
  - Quick Installation Guide
  - Ceiling/Wall Mount
- System Requirements
  - Windows XP or higher, Mac OS X 10.7 or higher
  - Android 4.1 or higher, iOS 7.0 or higher
- Supported Browser
  - Microsoft Internet Explorer 8.0 or higher
  - Firefox 4.0 or higher, Safari 5.0 or higher
  - Chrome 5.0 or higher, Opera 12.0 or higher
- Environment
  - Operating Temperature: 0°C~40°C (32°F ~104°F)
  - Operating Humidity: 10%~90%RH, non-condensing

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