

# TN50 / TN50W

H.264 / PIR / Illumination LED / MicroSD Slot / Smartphone 2-way Audio



## Plug-n-Play / H.264 Cloud Network Camera

“The total cloud solution to view your doorway, garage, and hallway on your smartphone or tablet!”



- Small and functional design
- 10X digital zoom
- H.264 and MJPEG compression
- Cloud smartphone /tablet app and push notification
- 2-way audio communication via microphone and speaker
- MicroSD card slot for events recording and snapshots
- PIR sensor and illumination LED
- Smartphone 2-way audio
- Upgradeable to WiFi with Compro WL160 USB stick (802.11b/g/n)

**Compro TN50 / TN50W is a sleek and compact network camera with the latest cloud technology, plug-n-play design and super easy QR code cloud installation, let you install camera and start monitoring from your smartphone or tablet just in seconds. It's the best cloud solution to protect your home and valuable possessions from anywhere in the world.**

### Easy Installation and Setup

The camera is so easy to set up that even novice users can complete the setup in seconds. Unlike other network cameras, installing this camera does not require any networking expertise. Nor is any sort of router setup required - simply plug in the cable, scan QR code for mobile app and camera install, and then your TN50 / TN50W camera is ready to be viewed and shared on the Internet.

### Exclusive Mobile App

You can download the exclusive and feature-rich C4Home™ camera viewer app to view and manage your Compro cameras on the iPhone® or Android™ devices. Also, the free C4Home mobile app enables you to securely share camera video with your friends and families on your friends list.

### Push Notification

The push event notification feature enables the camera to send an alert message to user's smartphone or tablet when it detects motion events. User can choose to watch the snapshots from push message on smartphone/tablet or watch the live situation from camera.

### PIR sensor and Illumination LED

The camera's integrated PIR sensor (Passive Infrared Sensor) can detect intruder's movements even in pitch darkness and the movement can trigger the camera to start recording video or snapshot. The camera also can automatically illuminate the scene with its built-in white LED upon detecting events, allowing it to capture clear images of the intruder's face.

### Easy Wireless Network Installation

TN50 offers a fast and easy wireless upgrade solution. Simply plug the optional wireless adapter into the camera's USB socket, and you will instantly get 802.11 b/g/n wireless LAN support on the TN50. (The TN50W package includes wireless adaptor)

### Intelligent Home Surveillance Solution

Not just cloud monitoring, TN50 / TN50W offers a wealth of applications to provide an intelligent surveillance solution, such as iWizard and WebVUer. iWizard is a smart installer to turn the complicated network camera installation into a simple and fast process. WebVUer is an intuitive IE-based video management software loaded with all the key features for trouble-free remote monitoring.



## TECHNICAL SPECIFICATION

CAMERA	
<b>Image Sensor</b>	1/7" progressive scan CMOS sensor
<b>Lens</b>	<ul style="list-style-type: none"> <li>• Focal length: 2.0 mm</li> <li>• Max aperture ratio: F2.8</li> <li>• Fixed iris</li> </ul>
<b>Zoom</b>	10x digital zoom
<b>Angle of View</b>	40° horizontal
<b>Focusing Range</b>	1 m ~ INF
<b>Minimum Illumination</b>	1.0 lux
<b>Shutter Time</b>	1/5 ~ 1/16000 sec.

VIDEO	
<b>Video Compression</b>	M-JPEG, H.264 (MPEG-4 Part 10)
<b>Resolution</b>	160x120, 320x240, 640x480
<b>Frame Rate</b>	Up to 30 FPS at 640x480
<b>Video Streaming</b>	Dual streaming supported
<b>Image Settings</b>	<ul style="list-style-type: none"> <li>• Adjustable image size and quality</li> <li>• AGC, AWB, AES</li> <li>• Configurable brightness, contrast, saturation and sharpness</li> </ul>

AUDIO	
<b>Audio Communication</b>	Two-way audio with built-in microphone and speaker
<b>Audio Compression</b>	G.711 PCM 64Kbit/sec

NETWORK	
<b>Wireless LAN</b>	Optional 802.11n USB wireless adapter
<b>Security</b>	<ul style="list-style-type: none"> <li>• User name / password protection</li> <li>• WEP/WPA/WPA2 encryption (wireless network)</li> </ul>
<b>Protocols</b>	TCP/IP, HTTP, UDP, FTP, ICMP, ARP, DHCP, NTP, DDNS, UPnP, RTP, RTSP, RTCP, SMTP, IGMP, 3GPP, IPv4
<b>Ethernet</b>	10/100 Base-T, autosensing, RJ-45

FIRMWARE	
<b>Firmware</b>	<ul style="list-style-type: none"> <li>• Support UPnP</li> <li>• Support online firmware update</li> </ul>

WEB BROWSER	
<b>Internet Explorer (ActiveX)</b>	<ul style="list-style-type: none"> <li>• Remotely view and configure camera on Internet Explorer</li> <li>• Record video and capture snapshots on PC</li> <li>• Alarm and event management: FTP and SMS/Email alert messaging</li> </ul>
<b>Supported Viewing Devices</b>	<ul style="list-style-type: none"> <li>• PC, laptop, tablet, nettop, MID with IE8</li> <li>• iPhone®/iPad, BlackBerry, Android™, WM, PDA, or cell phones with web browser (MJPEG mode)</li> </ul>

MOBILE MONITOR	
<b>Smartphone App</b>	View live video on iPhone®/Android™ phone
<b>MJPEG Mode</b>	View live image on mobile web browser
<b>3GPP Mode</b>	View live video on 3G cell phone (3GPP Streaming)

GENERAL	
<b>Local Storage</b>	MicroSD/SDHC card slot (supports local storage of snapshots and video recordings)
<b>Illumination LED</b>	1 x white illumination LED (1 W)
<b>PIR Sensor</b>	Effective distance up to 6M (horizontal)
<b>Operating Conditions</b>	0 °C ~ 40 °C
<b>Power Supply</b>	DC 5V/2A
<b>Viewing System Requirements</b>	<ul style="list-style-type: none"> <li>• Computer with 2.8GHz dual-core processor and 2GB memory or above</li> <li>• Operating system: Windows XP SP3, Vista SP1, Windows 7</li> <li>• Internet browser: Internet Explorer 8.0 or later; non-IE browsers require 3rd-party VLC plug-in</li> </ul>
<b>Package Contents</b>	<ul style="list-style-type: none"> <li>• TN50 / TN50W network camera</li> <li>• Software CD (contains user's manual)</li> <li>• Quick installation guide</li> <li>• Ethernet cable</li> <li>• Screws for ceiling mounting</li> <li>• Screw anchor</li> <li>• Power adapter</li> <li>• Wireless Adaptor (Only in TN50W)</li> </ul>
<b>Dimensions</b>	64 x 74.7 x 110 mm (including bracket)

### Camera Layout

<ul style="list-style-type: none"> <li>① LED status indicator</li> <li>② Lens</li> <li>③ Speaker</li> <li>④ Ethernet port</li> <li>⑤ Power connector</li> </ul>	<ul style="list-style-type: none"> <li>⑥ USB wireless adaptor port</li> <li>⑦ MicroSD card slot</li> <li>⑧ Microphone pinhole (on the bottom)</li> <li>⑨ Illumination LED</li> <li>⑩ PIR sensor</li> </ul>
-----------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

### Optional Accessory

**WL160**  
**802.11 b/g/n USB Wireless Adapter**

- Complies with IEEE 802.11b, IEEE 802.11g, and IEEE 802.11n standard
- High data transfer rate – up to 300Mbps
- Supports 64/128-bit WEP, WPA, WPA2