Home Guardian

The Personal Cloud Solution for Home & Business

Introducing Home Guardian from **EnGenius** — The powerfully easy way to keep an eye on your home, your family, your pets or your business — so you have greater peace of mind.
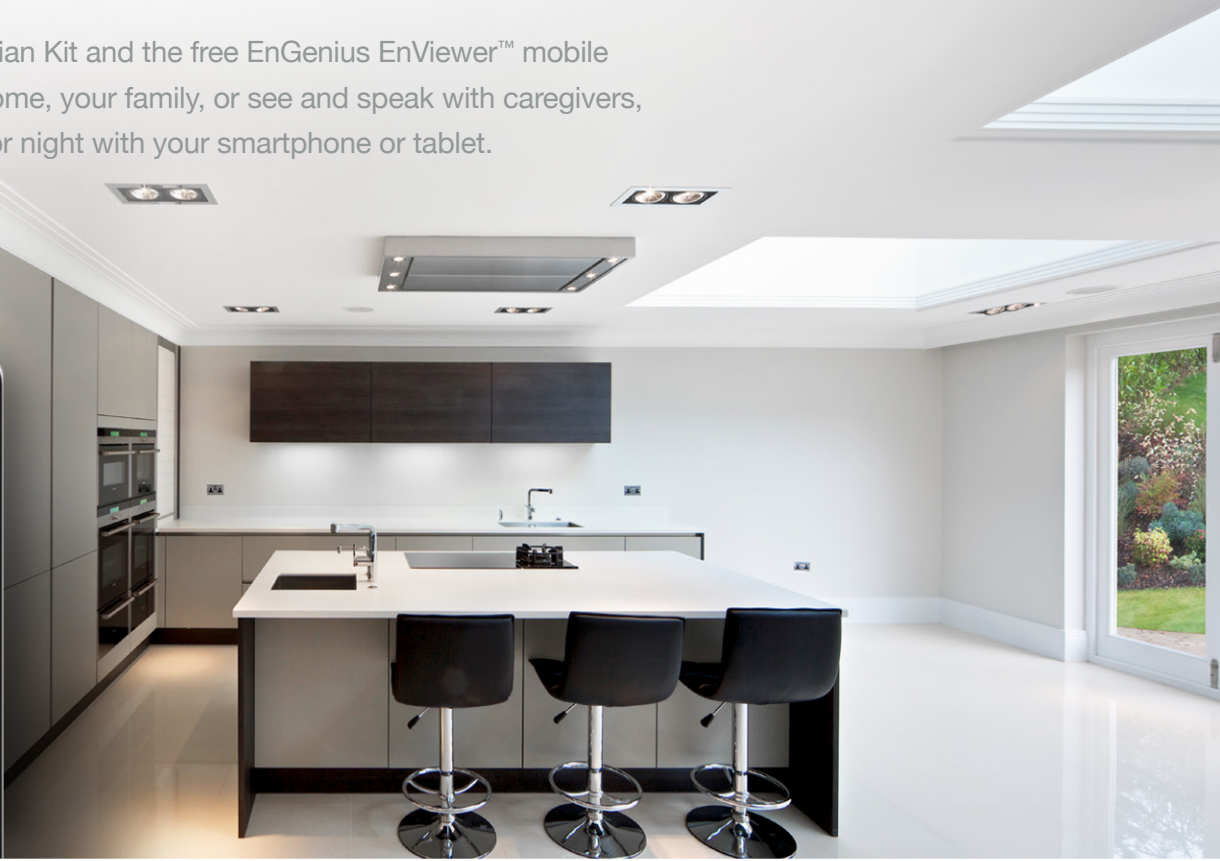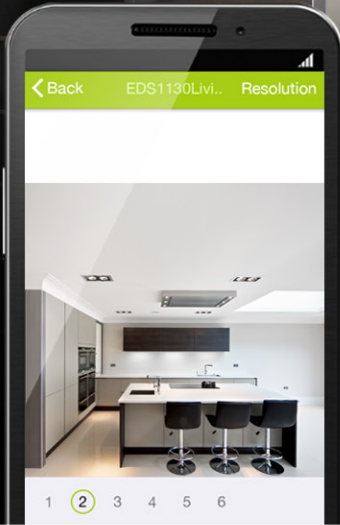
EnGenius®

Gateway
Internet of Things

Home Safer Home

Your EnGenius Home Guardian Kit and the free EnGenius EnViewer™ mobile app lets you monitor your home, your family, or see and speak with caregivers, or pets any time of the day or night with your smartphone or tablet.

Minding Your Business

Your EnGenius Home Guardian solution is also at home in your business so you can see if your customers are being helped, your cash registers are secure, or if there's someone at the back door or loading dock when you're away.

1 Set up your IoT Gateway

2 Connect your IP Camera to your IoT Gateway

3 Download Free EnViewer Mobile App **and Go!**

Definable Zone Control With Sensitivity

The EDS1130 Camera lets you set precise zones (like windows and doorways) within its field of view so that it will start recording any activity or motion within those designated areas. Each zone can be customized for sensitivity.

Active Zoom

With the EnViewer app you can digitally zoom into any portion of the image or video that Home Guardian captures, up to 4x its original size.

That's Alarming

Your EnGenius Camera includes an alarm that can be enabled via the free EnViewer app. Use EnViewer to activate your camera's alarm settings from your mobile device to a sound system connected to the camera. Out of town or at work? Set up Motion Detection and Audio Alerts to trigger the audible alarm.

You've Been Notified

Something happening at your home, vacation home or business? Motion Detection and Audio Alerts are sent directly to your mobile device so you can respond accordingly.

Schedule or Instantly Record & Archive Video

Record to your "Personal Cloud" — your own attached USB hard drive connected to the USB port on the Home Guardian's EPG5000 IoT Gateway — where your recordings can be quickly retrieved and where you can keep them as long as you need them without incurring costly Internet storage subscription fees or take the risk that your videos could be hacked or compromised online.

No Internet

A **32GB** microSD card can record
18 hours at 30fps 720p

microSD

Internet Got You Down? No Worries.

Unlike other home security cameras that rely solely on costly subscription-based cloud storage, the EDS1130 Camera can still archive video to your own connected USB Hard Drive even if your Internet connection goes down. You can relax now.

HD

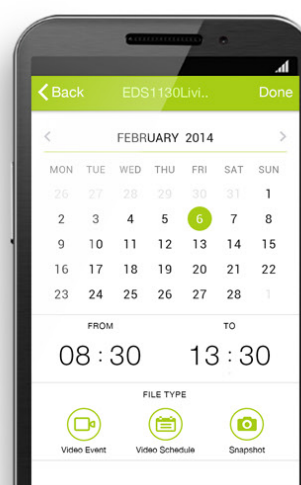A **4TB** USB Hard Drive can record
3 months at 30fps 720p

Camera   Gateway   Hard Drive

Find Your Videos Quicker

Each archived video is device-identified (USB Hard Drive or SD card) and date and time stamped for quicker retrieval and playback taking the guesswork out of finding the specific video you're looking for. Also easily take snapshots at any point during live streams.

▸ Sort by Date

▸ Sort by Time

Up to **3 Months** of Video Recording
with No Cloud Storage Subscription Fee!

Video storage capacity based on an attached 4 Terabyte Hard Drive connected to the EPG5000 IoT Gateway at **720p Full Frame Rate**

3 Months

Home Guardian using USB-attached storage

1 Month

Other brands using Internet-based recording

Invite Others to View

Share your videos or active camera monitoring so others in your family or friends can also see what's happening in or around your home — or other employees can be assigned to monitor your business.

Two-Way Communication

With your Home Guardian solution you can use EnViewer and the Camera to see and speak with caregivers, contractors, colleagues, house sitters, petsitters, or employees in your small business.

Almost done here

How's it coming?

Add More Cameras

Need to monitor other areas of your home or business? Your Home Guardian solution supports up to 4 EDS1130 HD720P Cameras from each EPG5000 IoT Gateway. Have a vacation home? With another Home Guardian Kit, you can keep an eye on that, too and all your EDS1130 Cameras whether at home, your vacation home or your office can be grouped together in sets of four in your EnViewer app.
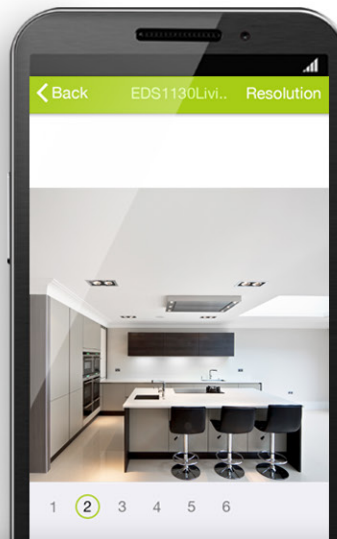
Computer Viewing, Too

Monitor your home, vacation home or business from a Windows-based computer with the EnGenius VMS application that lets you see up to 16 camera views at the same time. Need to monitor other locations? Buy additional Home Guardian Kits and Cameras.

EnGenius®

CH01
CH02
CH03

Start Time
6/30/2014   4:04:30 PM

End Time
7/24/2014   12:46:01 AM

2X

2014/7/1 2014/7/2 2014/7/3 2014/7/4 2014/7/5 2014/7/6 2014/7/7 2014/7/8 2014/7/9 2014/7/10 2014/7/11 2014/7/12 2014/7/13 2014/7/14
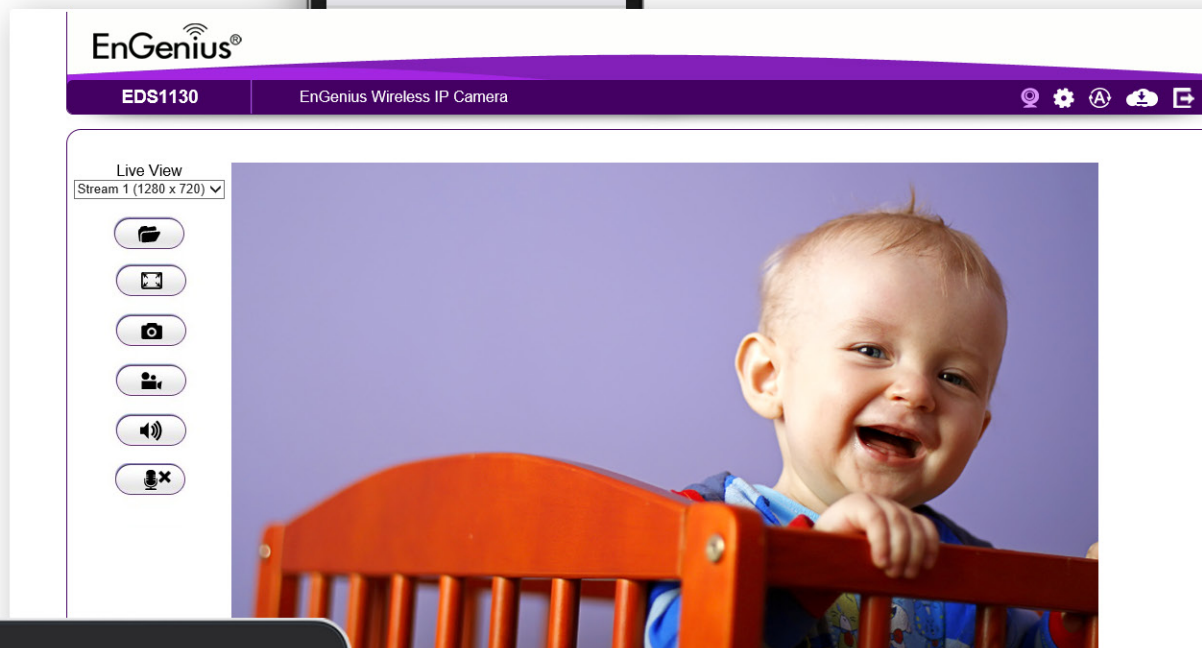
The Home Guardian Kit provides 3 different ways to view and record – live video, recorded video, and snapshots – from your smartphones or computers.

EnViewer App

Download on the App Store

ANDROID APP ON Google play

User Interface

EnGenius®

EDS1130   EnGenius Wireless IP Camera

Live View
Stream 1 (1280 x 720)

EnGenius Professional VMS Software

Crisp High-Definition Clarity – Day or Night

The HD720P EDS1130 IP Camera included in your Home Guardian Kit delivers a high-resolution video or still images 24/7 because details are important.

High Definition for Better Detail
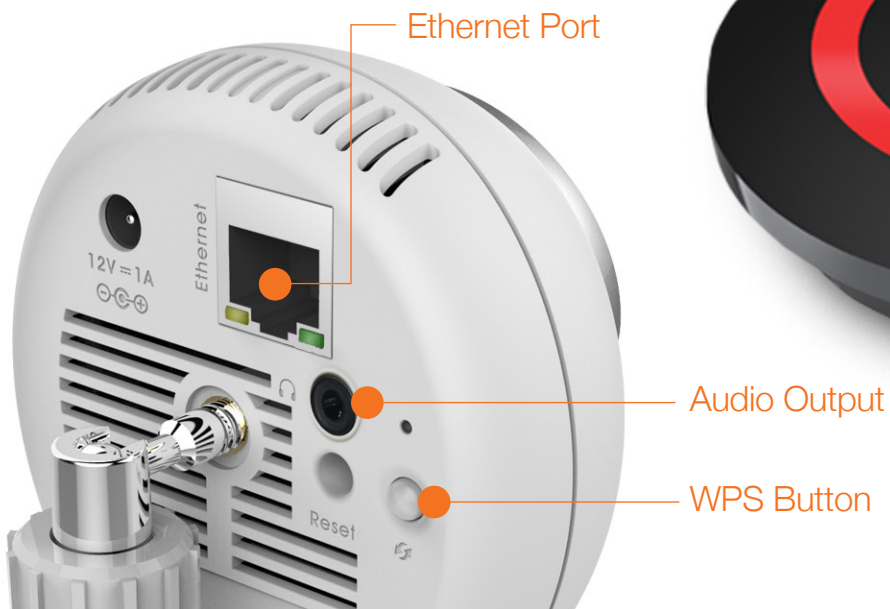
High Definition

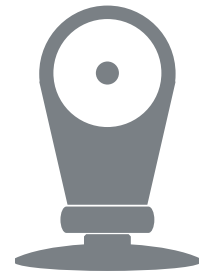Standard Definition

Home Guardian

Solution Hardware

MicroSD Slot

Infrared
Night Vision

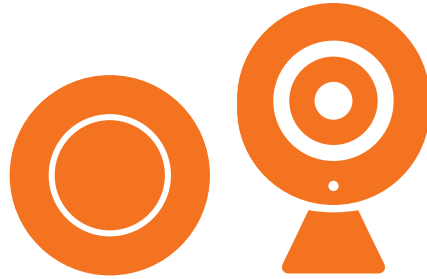Microphone

Wall-Mountable

The Home Guardian Kit includes

- One EPG5000 Dual-Band Wireless AC1750 Gigabit IoT Gateway with USB Port

- One HD720P Wireless IP Surveillance Camera

- Ethernet Cables for both the EPG5000 and EDS1130 Camera

- Quick Start Guides

Ethernet Port

Gateway
Internet of Things

EnGenius

Audio Output

WPS Button

USB Hard Drive Port

Comparison

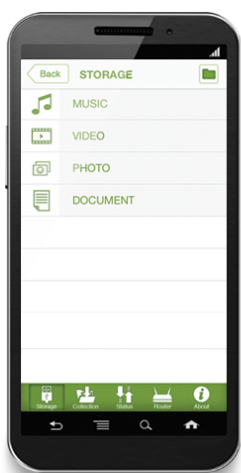|	**Home Guardian (EBK1000)**	**Other Leading Camera**
Keep your home, family and business more secure	More than just a camera - includes an EnGenius IoT Personal Cloud Gateway with Built-In 4-Port Gigabit Switch, Built-In Internet Firewall and attached USB Storage capability	Not available
Out-of-the-Box Ready	**Easier Setup** - No personal credit card information required to set up	Personal credit card information required for Internet storage account.
Motion Detection where you need it. Detail when you want it.	Zone Detection with Sensitivity Settings	Only Zone Detection (sensitivity settings not supported)
Armed with Alerts & Alarms	**Integrated alarm** in Camera and Audio Out for connecting to a loud speaker to signal intrusions	**No alarm capability**. Only supports alerts to a mobile device
Recording & Saving Videos	Record even when Internet is dropped	Not supported
	Can record to an SD Card	Not supported
	No Monthly or Annual Internet Storage Fees	Costly Internet Storage Fees Apply
	More than 3 months of recording time (based on 4TB drive connected to IoT Cloud Gateway)	Up to 1 month of recording
Smarter Archiving	Labels videos by storage source, date and time	Not supported
Add More Cameras	More Cameras can be added - no additional subscription fees needed	Additional Internet Storage Subscription **Fees apply for each additional camera added**
Camera Viewing Options	Up to 16 Cameras at a time with the free EnGenius VMS application	**Only 4 Cameras** viewable from a computer

We've Got An App For That

But wait, there's more. To get even more out of your Home Guardian Kit, download the other free EnGenius mobile apps for you iPhone®, iPad® or Android™ smartphone or tablet and take even more control of your digital life. An EnGenius Personal Cloud IoT Solution, like Home Guardian, is designed to make your family, your home or your small business more secure; the way you communicate effortless and less costly; your music, photos, video and documents safer and quicker to store and retrieve; and your day-to-day life more efficient — so you have even greater peace of mind.

Android

iOS (for iPhone and iPad)

EnShare™

EnShare lets you store and retrieve your music, photos, video and documents to and from an attached USB hard drive to your EnGenius Personal Cloud IoT Gateway (EPG5000) or Intelligent Router anywhere you go with an Internet connection. It also can instantly archive any photos you take with your iPhone, iPad or Android mobile device or whatever your EnGenius HD720P EDS1130 Wireless IP Camera captures. Access your files and media wherever you are while they're safe at home.
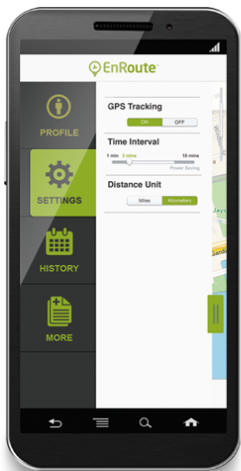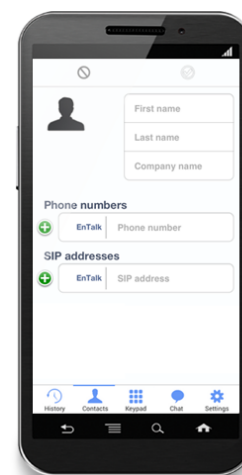
EnTalk™ Lite

With EnTalk Lite you, your family or your small business colleagues can make low-cost long-distance and international calls to anyone in the world. Capable of supporting up to 10 SIP accounts, small business owners and their teams can make and receive calls over the Internet. It's also perfect for families who want to stay in touch but need to avoid the high cost of international calling. And it's ideal for frequent overseas travelers who want to minimize roaming charges from their current telco providers.

EnRoute™

It's 10:00 PM. Do you know where your kids are? Is your spouse stuck in traffic? Need to round up your family during an emergency? Or need to find out where everyone is before the party starts? Did your employee meet the client? Is your catering team running late to the customer's house. Need to keep a record of where you ran to see if you're making progress with your workout? With EnRoute you can see where your family or your employees are when they're away from home or the office and you can store records of their routes by date and time in a USB hard drive connected to an EnGenius Personal Cloud IoT Gateway or Intelligent Router.

Specifications - EDS1130 Camera

Camera

Image Sensor

1/4" Megapixel Progressive Scan CMOS

Lens

Fixed-Focus Board Lens: 4mm @ F1.5

Shutter Time: 1/7.5 sec. to 1/24,000 sec.

Day/Night

Built-in mechanical IR-Cut filter

Minimum Illumination

Color (IR-off): 0.5 Lux @ F1.5	B/W (IR-on): 0 Lux @ F1.5

IR Illuminator

6x IR Illuminators, effective up to 16 feet / 5 meters

Video

H.264/MPEG-4/MJPEG Compression

2 Simultaneous Video Streams

Frame Rates (Maximum)

H.264: Up to 30fps at 1280 x 720

MPEG-4: Up to 30fpts at 1280 x 720

MJPEG: Up to 30 fps at 1280 x 720

Image Settings

Adjustable image size, quality and bit rate – CBR, VBR

Configurable brightness, sharpness, contrast, Saturation, white balance and exposure

AGC/AWB/AES

Flip & Mirror

Time Stamp and Text Caption Overlay

Manual/Auto Day & Night

Audio

Two-way Audio Streaming

G.711A/G.711U/AAC Compression

Input / Output Gain Control

Interface

Built-in Microphone

External Audio Out

Networking

Network

10/100 Mbps RJ-45 Ethernet Port	EnGenius DDNS
Built-in Wi-Fi IEEE802.11b/g/n (150 Mbps)	Auto NAT Pass Through / UPnP Traversal
Built-in high-sensitive internal wireless antenna	WPS Settings

Protocol

IPv4, TCP, DHCP, NTP, DNS, DDNS, SMTP, FTP, HTTP, UPnP, RTP, RTSP, PPPoE, SMB

Security

Password Protection

2-level account: Admin / Guest

Wireless Encrption: WEP, WPA, WPA2, WPS button

Event Management

Event Detection

Motion Detection	Audio Detection

Event Actions

File upload to FTP, SMB, SMTP, Mobile App, EnGenius Cloud Router

Notification:

Email	Push Notifications (For Mobile Apps Only)

Video Playback (PC / iPhone / Android)

EnGenius Smart Recording (only for EnGenius Cloud series router)

Mobile Apps

Supports iPhone/ iPad / Android devices

Environmental & Mechanical

Physical Interface

Local Storage: Micro SD/SDHC Slot

Power Input: 12V / 1A

Reset

WPS

Audio Out

Ethernet Port

Temperature Range

Operating: 32°F to 104°F / 0°C to 40°C

Storage: 14°F to 122°F / -10°C to 50 ° C

Humidity (non-condensing)

5% - 95%

Weights & Measures (with Stand)

Width: 3.07" (77.96mm)

Depth: 3.18" (80.66mm)

Height: 4.82" (122.4mm)

Weight: 0.29 lbs (130g)

Warranty

1 Year

Package Contents

EDS1130 (IP-Camera and Stand)	CD
12V/1A Power Adapter	QR Code Label
RJ-45 Ethernet Cable	Wall-Mount Screw Set
Quick Start Guide	

Specifications - EPG5000 IoT Gateway

Standard

IEEE Standards

802.11a/b/g/n/ac

    Up to 450 Mbps wireless speed on 2.4 GHz frequency band

    Up to 1300 Mbps on 5 GHz frequency band

802.3i/u/ab

Device Interface

1x Gigabit WAN Port

4x Gigabit LAN Ports

1x USB 2.0 Port

1x Push Button for WPS

1x Reset

Power Specification

External Power Adapter

DC IN, 12V/2A

LED Indicator

Power

2.4 GHz

5 GHz

Internet

WPS

Software Features

Operation Mode

Router/WDS

Wireless Features

Auto Channel Selection

Output Power Control

WMM (Wi-Fi Multimedia)

MSSID (Multiple SSID)

Security

WEP/WPA-PSK/WPA2-PSK

TKIP/AES

Hidden SSID

MAC Address Filtering

802.1X Authentication

DDoS

DHCP Server/Client

NAT

Port Forwarding

DMZ

Port Mapping/Triggering

VPN Server (PPTP/L2TP)

VPN Client (PPTP/L2TP)

VPN Pass-through (PPTP/L2TP/IPSec)

VPN Tunnel (Max. 5)

QoS

IP Filtering

Port Filtering

DDNS

IPv6 Pass-through

MAC Clone

Traffic Monitor

WAN Type: PPPoE/DHCP/Static IP

USB Features: SAMBA

Environmental & Mechanical

Temperature Range

Operating: 32°F to104°F, 0°C to 40°C

Storage: -4°F to 140°F, -20°C to 60°C

Humidity (non-condensing)

Operating: 90% or less (Non-Condensing)

Storage: 95% or less (Non-condensing)

Weights & Measures

Diameter: 6.36" (161.54 mm)

Height: 1.64" (41.66 mm)

Weight: 0.5 lbs

Certifications

FCC / CE / IC

Warranty

1 Year

Package Contents

EPG5000 Dual Band AC1750 IoT Cloud Gateway

Power Adapter (12V/2A)

Quick Start Guide

RJ-45 Ethernet Cable