# EnGenius

## Key Features

- Up to 2-Megapixel 1920x1080 at 30fps
- H.264/MJPEG dual codec
- Fixed LENs: f=2.8mm/FOV120°(diagonal)
- Built-in IR for night viewing up to 25 meter
- Mechanical IR Cut Filter for true Day / Night
- Wide Dynamic Range (WDR) technology
- EnGeniusDDNS, P2P and Push Notification
- IP66 waterproof / Cable Management design
- 802.3af PoE / DC12V power in
- Free iOS & Android APP for view / record
- Free bundle Video Management Software
- ONVIF compatible (Profile S)

# 2-Megapixel Day & Night Bullet Network Camera

**EnGenius 2-Megiapixel Bullet Network Camera: Optimized surveillance system with robust performance and great efficiency**

### Day/Night HD Surveillance

The EDS5250 is a FullHD 1080p quality with real-time recording at 30fps. It built-in mechanical infrared cut removable (ICR) filter and paired with a powerful IR LED illuminator up to 25 meter range, this IP camera can monitor in complete darkness. The WDR technology allow users can identify image details in extremely bright as well as dark environments.

### Water Proof & Cable Management Bracket Design

The EDS5250 has a IP-66 water proof housing that protects it from dirt and rain. A 802.3af Power over Ethernet (PoE) allows you to connect the camera to network and power by a single Ethernet cable. A cable management bracket protects cables from damage and provides a simply and clean installation.

### EnGeniusDDNS, P2P and Push notifications

it is real plug and play. When EnGenius IP Camera detects motion or tampering, a direct notification is send to your mobile device who had installed  and run "EnViewer APP".

### Free Mobile APP and Video Management software

Support for iOS / Android  APP allows mobile users to add cam by QR-Code/WIFI-Scan/Router-Search, view cam's live stream, record video and snapshot . The free bundle Video Management Software to help to easily monitor and record on PC.

### Physical Interface

1. IR LEDs
2. Built-in LENs
3. Cable Management Bracket
4. RJ-45
5. DC Jack (12V/1A)
6. Reset / Reboot button

# Technical Specifications (HW)

## Camera
- Image Sensor:
  1/2.7" 2-Megapixel Progressive Scan CMOS -
  LENs: Fixed board LENs, f=2.8mm / F1.8
  F.O.V: 120°(diagonal)
- Day/Night: Removable IR-cut filter
- Minimum illumination:
  Color (IR-off): 0.01Lux / F1.8
  B/W (IR-On): 0 Lux / F1.8
- IR illuminator: 12pcs of LEDs, up to 25m range.
- Shutter Time: 1/2.5 sec. to 1/10,000 sec

## Video
- Compression: H.264/MJPEG
- Frame rates: up to 30fps at 1920x1080
- Image Settings:
  WDR (Wide Dynamitic Range) technology , Adjustable image size, quality and bit rate, Brightness, contrast, saturation, sharpness,  shutter speed, white balance and exposure, Time stamp and text caption overlay, Flip & mirror, AGC/AWB/AES,2D Noise Reduction , LLC (Low Light Compensation).

## Networking
- Network: 10/100 Mbps Ethernet, RJ-45
- PoE: 802.3af  class2
- Security: Admin Password  protection
- OnVIF compatible (Profile S)
- Protocol:  IPv4, TCP, UDP, DHCP, NTP, DNS, DDNS, SMTP, FTP, HTTP, PPPoE, UPnP, NFS/Samba client, QoS/DSCP, RTP, RTSP, 3GPP

## Alarm and Event
- Event trigger: Motion/Tamper
- Event Notification: FTP/Email/Push-Notification
- Video buffer: 5 second pre-alarm, 5 second post-alarm
- Schedule Recording
- Event Actions : File upload to NFS/SAMBA/FTP/ SMT/ EnGenius-Cloud & Play Audio
- EnGenius Smart Recording (*the function only available with EnGenius Cloud Router/Gateway)

## Physical & Environmental
- Local Storage: N/A
- Power Input: PoE 48V
- Dimension (LxWxH): 185x¢45mm (with bracket)
- Weight: 336g
- Operation Conditions:
  Temperature :  -20°C ~ 50°C
  Humidity  : 10% ~ 80%
- Interface (All-in-one cable)
  RJ-45 1 x 10/100BASE-T (802.3af PoE)
  DC jack (12V/1A)
  Reset button
- Certification: CE/FCC/LVD

## Viewing system requirements
- Operation system: Microsoft Windows XP/2000/ Vista/2003/2008/7
- Web browser: IE, Safari, Chrome, Firefox, Opera
- View clients: Live viewing for up to 5 clients

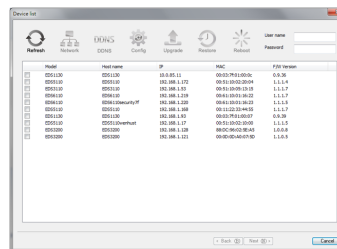# Technical Specifications (SW)

## EnViewer (Mobile App.)



- EnViewer Mobile APP: Smart Phone OS (iOS v6.0 / Android v2.3 or above)
- Smart Search (EnGenius Cloud Router/ Gateway Only) / Manual Add (QR Code / Hyperlink)
- Share your camera with your family and friends
- Cam Live View / Group View
- Cam snapshot / Record on APP
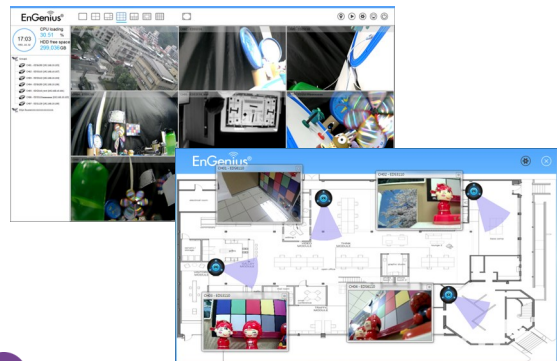- Push Notification / Play Back
- Remote Camera Settings

## EnViewer Finder by EnGenius

- Support OS: Windows XP/ 2000/ Vista/ 2003 /2008 /7 /8)
- Single / Group camera setting
- Network, uPNP, admin's password setting
- UID/DDNS setting
- Video configuration
- Firmware upgrade
- Restore to default
- Reboot the camera



## Video Management Software (VMS)

- Support OS: Windows XP/ 2000/ Vista/ 2003 /2008 /7 /8)
- Free bundle a 16ch recording software
- Support H.264/MPEG4/MJPEG
- Live View, Record and playback
- eMAP with camera icons and mini live view
- Dual monitor management
- Time base search bar on Playback



## EnGenius Simple Record

- An individual link and folder will be automatically established when the EnGenius IP Camera is connected to the EnGenius Cloud Router/ Gateway for saving schedule streaming and event message to the USB device attached to the Router. The storage folder name and Camera Name can be modified from the router control page. The storage video will be overwrite by the EnGenius Router/Gateway when the USB device is full.



*the "simple record" control page on EnGenius Cloud Router/Gateway web page.