

What is your trouble in using Network IP Camera?

- Public Network IP address?
- Dynamic DNS?
- Port mapping?
- Virtual server?
- NAT configuration?
- uPnP support in router?

How to avoid these troubles?

- Use ID and Password
- Use Assistant Connection Address like email address

Need any additional service charge?

- No !



EK350 SERIES INFRARED IP DOME CAMERA

<http://www.e-kam.com>

DESCRIPTION

EK350 series IP dome is a network camera supporting High-performance MPEG4-ASP and MPEG4-SP compression format with PTZ capability. Packaged in a sleek and stylish body, EK350 IP dome is ideal for webcasting and remote-monitoring applications almost anywhere from airports to train stations, factories to supermarkets, and from street corners in small towns to big sports arenas. Remote video monitoring over a network has never been easier. With EK350 series IP dome camera, setup is simple and more cost effective than conventional CCTV systems. This is because the network infrastructure is often already in place or it is rapidly becoming standard for new building construction. Once the network connection is established, images from the camera can be efficiently streamed over the network.

Moreover, It provides high-resolution video images regardless of day or night, and it can detect and distinguish a moving subject in a really dark environment with 0 Lux minimum illumination. So it ensures you have the most reliable 24-hours a day video surveillance that provide clean and vivid image for all major areas including : military bases, ammunition dumps, outskirts of factories and small-sized stores.

Thank you for reading this datasheet, if you need any online technical support, please feel free to contact us.

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e-KAM

KEY FEATURES:

- Equipped with high-performance IR LEDs that can detect and visualize even the small movement of subjects in total darkness without any light. It can be trusted to deliver the most reliable video surveillance by providing you with vivid color video images during the day and high-resolution black and white images during the night.
- Support ICR True Day & Night function: EK350 Series provides you with the ICR True Day & Night feature. It automatically removes the IR filters when night falls and switches to B/W mode to provide high image resolution during the night.
- Support self-building DDNS Server based on NMCP Protocol, enables you to access accurately and easily over WAN, completely settled the troubles of Dynamic IP Address.
- Support working through NAT devices, allows you to access easily with an assistant connecting address without any Router's configurations.
- Support being identified automatically by management software in local area network.
- Support Duo-Rate-stream Transmit function, to save the system and network resources.
- Support adaptive rate control function.
- Support being decoded over WAN by using an EK500 Series Decoder, the decoded image can be output to a TV set or monitor in turn. The Dwell time of an image can be adjusted.
- Built-in web server function, allowed to be accessed expediently via Internet Explorer.
- Built-in embedded Linux operation system, support downloading the software, upgrading and setting the device.
- Support fault detection, recovery and automatic connection.
- Multi-protocols supported: TCP / UDP / HTTP / PPPoE / DHCP / DNS / AGMP / TFTP.
- Variety of power options: DC 12 V, or PoE (Power over Ethernet).
- Equipped with Sony progressive scan CCDs and advanced DSP technology – provides clear and detailed images while maintaining high sensitivity.
- Choice of compression formats: advanced MPEG4-ASP. MPEG4-SP.
- Limits data bit rate while maintaining high-quality images, Ideal when network bandwidth is limited, Useful for calculating the required bandwidth during installation
- Alarm function: with activity detection and pre-/post-alarm recording modes.
- Bi-directional audio function.

SPECIFICATION

CAMERA

Image Pick-up Device: 1/3 SONY CCD

Total Pixels: 811(H) x 508 (V)

Effective Pixels: 720 (H) x 494 (V) or 510 (H) x 494 (V)

Scanning System: 2:1 Interlace 525 Lines / 60Fields / 30 Frames

Synchronization: Internal / Line Lock selectable

Horizontal Resolution: Color: 420 TVL, 480 TVL or 520TVL

Min. Illumination: 0 Lux

Gain Control: Auto

Lens Mount: C / CS mount (Easy or Focus type)

SPECIFICATION

PAN / TILT

Tilt Angle: -90 degree to 0 degree

Pan Angle: 355 degree

Manual Pan Speed: 1 to 15 degree / sec. Manual Tilt Speed: 1 to 15 degree / sec.

Auto Scans: Auto scans up to 355 degree

Caption Overlay: Support date and time texts overlay on image and the positions of the texts can be adjusted.

IMAGE

Compression Format : MPEG4-SP / MPEG-4-ASP

Maximum Frame Rate: MPEG4 : 30 fps (NTSC), 25 fps(PAL)

Digital Image Resolution: D1(PAL: 720 x 576 \ NTSC: 720 x 480), CIF(352 x 288)

Image Encoded Bandwidth: 64kbps to 4Mbps

Bit rate adjustment: Variable Bit Rate (VBR) or Constant Bit Rate (CBR)

Image Parameter Adjustment: Quality, Contrast, Brightness, Hue and Saturation

Caption Overlay: Support date and time texts overlay on image and the positions of the texts can be adjusted.

AUDIO

Audio Compression: ADPCM

Audio Encoder Bandwidth: 32kbps

Built-in Mini Microphone

INTERFACE

Ethernet: 10Base-T/100Base-TX (RJ-45)

I/O port: 5 GPIO connectors for Input or Output

Communication Connector: 1 RS-232 selectable

External Microphone Input: Mini-jack (monaural, 2.2 K2.5 V plug-in power)

Audio line Output: Mini-jack (monaural), max output level: 1 Vrms

GENERAL

Mass: approx. 1.5KG (1 lb 2 oz)

Dimensions: 4.5 inch in diameter

Power Requirements: DC 12 V / PoE(IEEE802.3af)

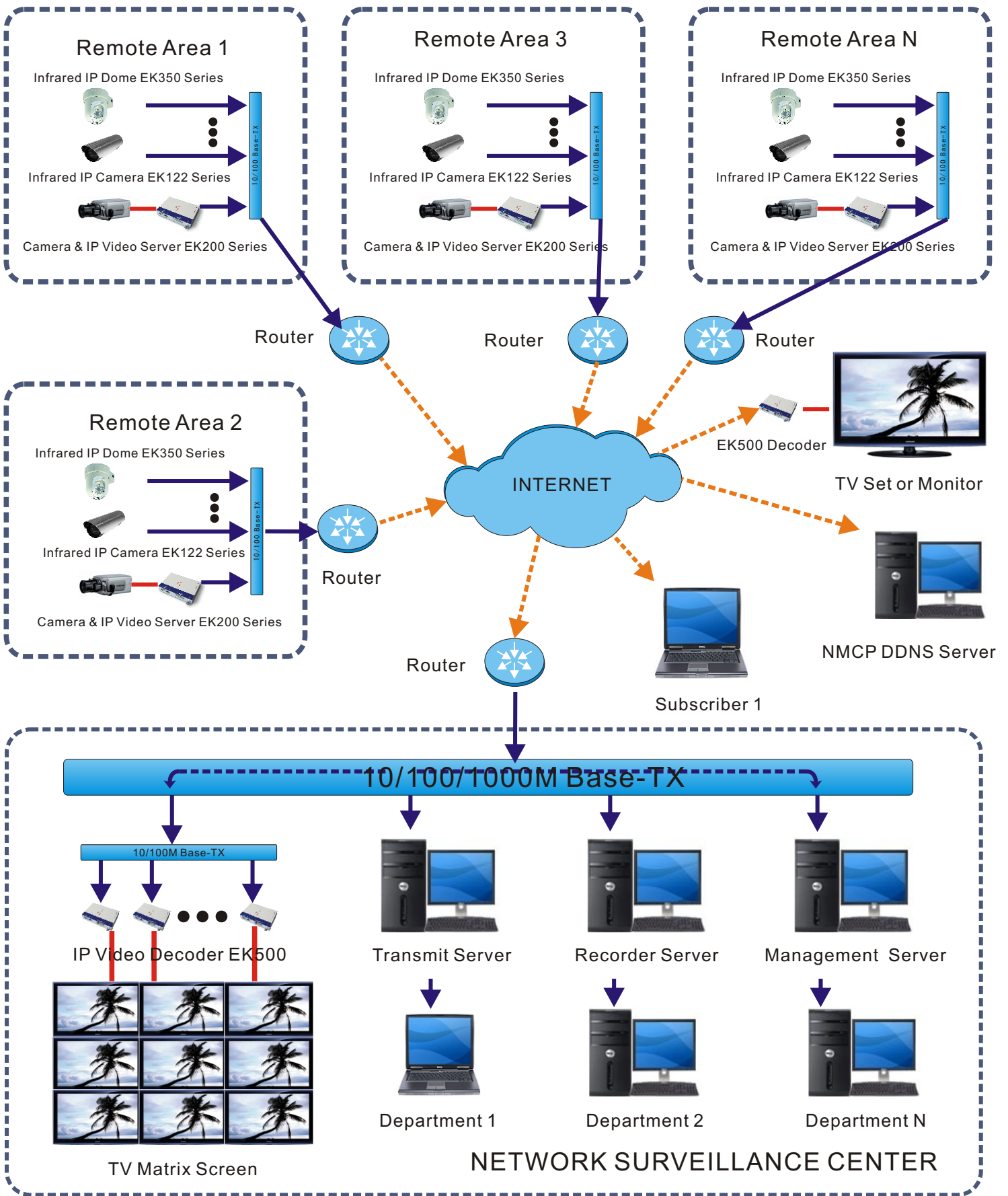
Power Consumption: 15 W.

Operating Temperature: -10 to 60 degree

Storage Temperature: -10 to 60 degree

Relative Humidity: 10% to 90%

E-KAM SURVEILLANCE SYSTEM ORGANIZATION



LAN Switch



Router



CAT 5 Network Cable



75-5 Coaxial Cable



Internet Connect

e-KAM

Make Security Easiest

EKDS081016EN



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