

Sensor Control...
Access Control...

Universal Mount Camera



Our UMC Universal Mount Camera provides optimum features for deployment with the AKCP securityProbe series. It delivers 320x240 resolution at 30fps, and has IR night vision capability. Fifty streams of live color video may be viewed simultaneously.

Sony CCD technology is at the heart of this hi-res camera, capturing clear sharp video and pictures even under low light conditions.

It features AWB (Auto White Balance), and has horizontal resolution of 640 pixels per line, with 625 lines (interlaced). Its Sony 1/3" interline CCD delivers the excellent low light sensitivity due to its IR LEDs.

UMC live monitoring is accessible from anywhere in the world via your browser and securityProbe 5E.

JPG image format allows third party host tools to store and analyze the images. All pictures are in the Standard JPG format and the Standard CIF picture size is 352 x 288 pixels or VGA (640 x 480). The pictures can be easily downloaded from the securityProbe into a local host.

Specifications

Image Sensor for Universal Mount Camera (UMC)

- High quality Sony CCD
- IR range of 20 meters
- 1/3" interline CCD
- Auto White Balance
- 640 pixels per line, with 625 per frame (interlaced)
- Electronic Iris: 1/50 - 1/100,000 (PAL); 1/60 - 1/100,000 (NTSC)
- Picture Elements: 640 (H) x 480 (V)
- S/N ratio: 50dB

Connections

- Video: BNC Male video composite out 1 Vp-p 75 ohm
- Power: 2.1mm Male plug

Optics

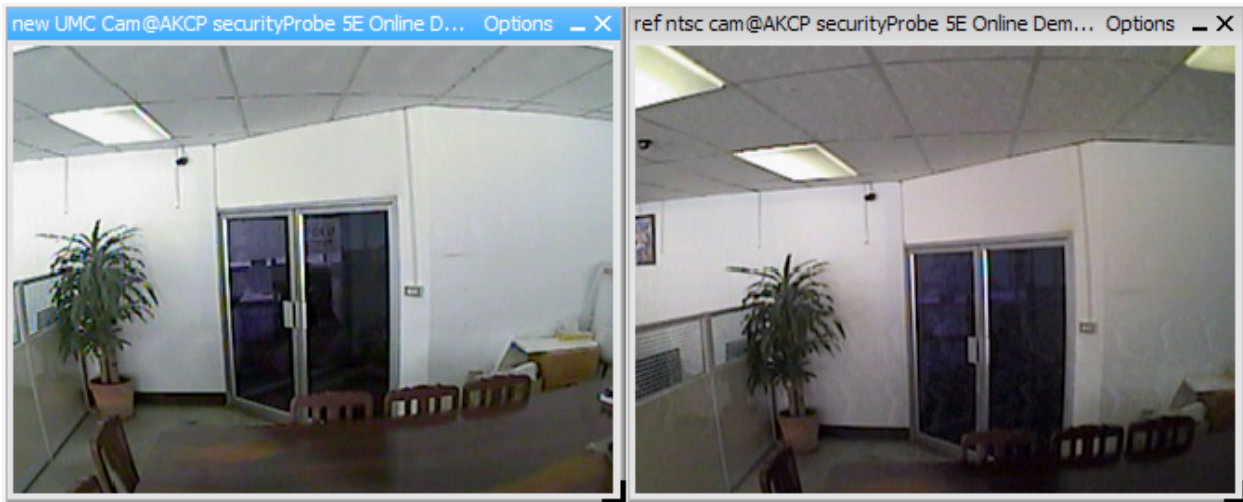
- Lens type: fixed
- Focal length: 3.6mm
- Viewing angle: 92 deg
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Physical and Environmental

- Dimensions (Ø x H): 110 x *75 mm
- Weight: 0.2.5 kg
- Power: 12VDC, external
- Power consumption: 300mA
- Operating temp. range: -10 - +50 °C
- Operating humidity range: 10 - 80 %
- RH, non-condensing

Sample Images from the UMC IR

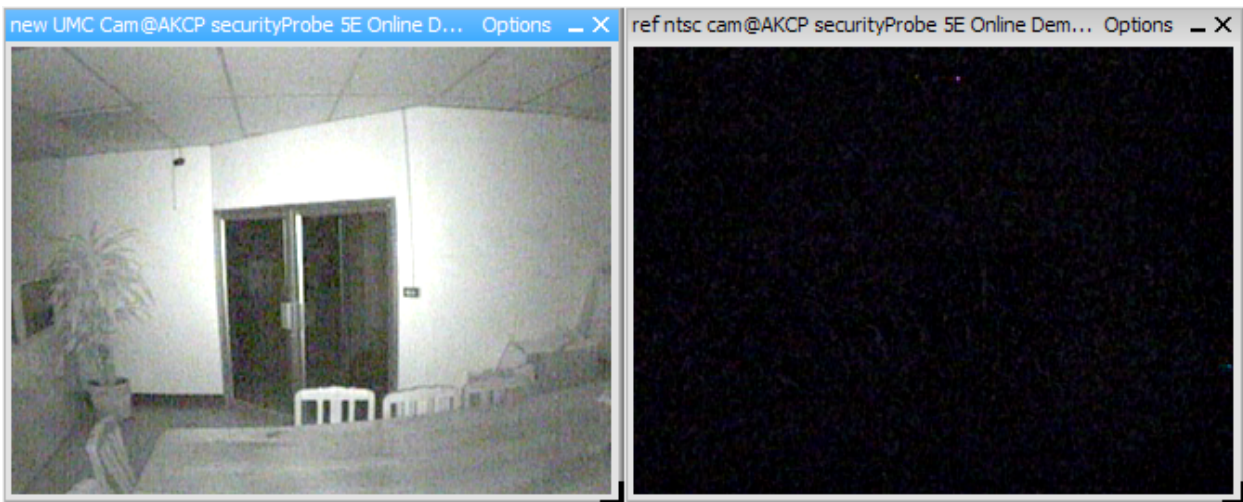
Daylight pictures from the UMC IR connected to the securityProbe 5E.



New UMC

Old UMC

Night vision pictures from the UMC IR connected to the securityProbe 5E (middle shot is from a non IR camera).



New UMC

Old UMC

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