Universal Mount Digital Camera - UMDC

Universal Mount Digital Camera

Our UMC Universal Mount Camera provides optimum features for deployment with the AKCP securityProbe series. It delivers 640x480 resolution, 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.

Technical 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: 2.5mm Male plug

Optics

Lens type: fixed

Focal length: 3.6mm

Viewing angle: 92 deg

Physical and Environmental

Dimensions (Ø x H): 110 x *75 mm

Weight: 0.2.5 kg

Power: 12VDC, external

Power consumption: 300mA

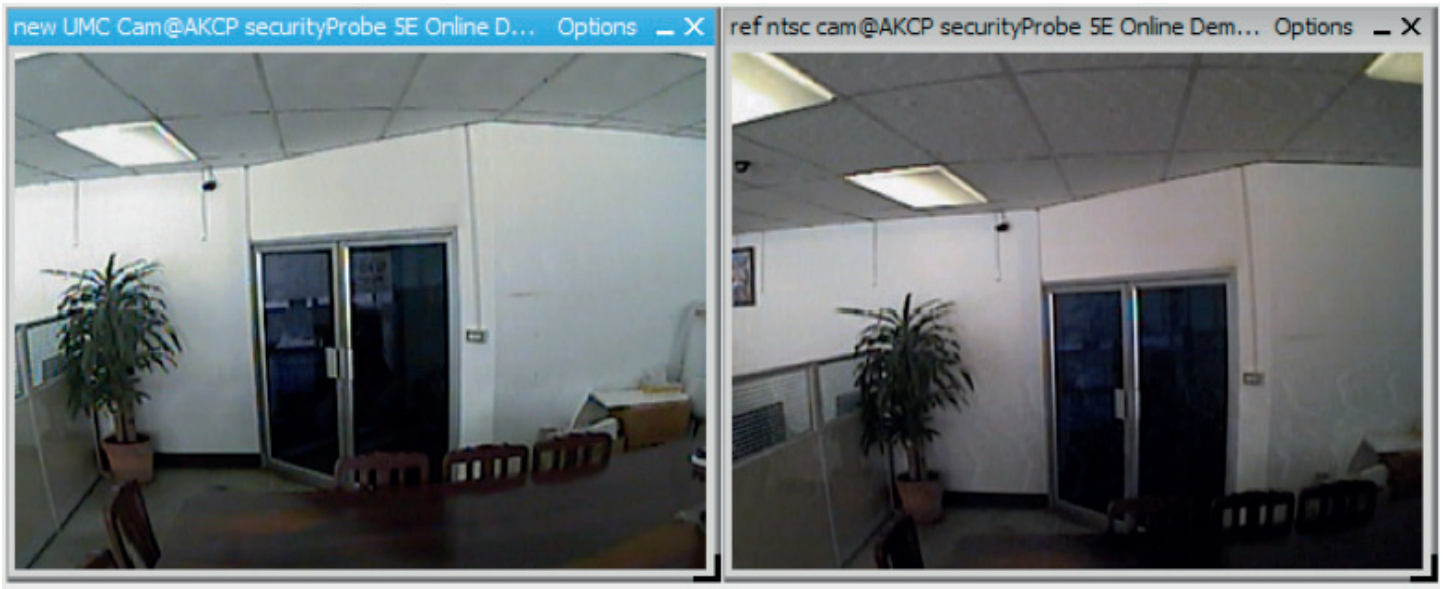
Operating temp. range: -10 - +50 ºC

Operating humidity range: 10 - 80 %

RH, non-condensing

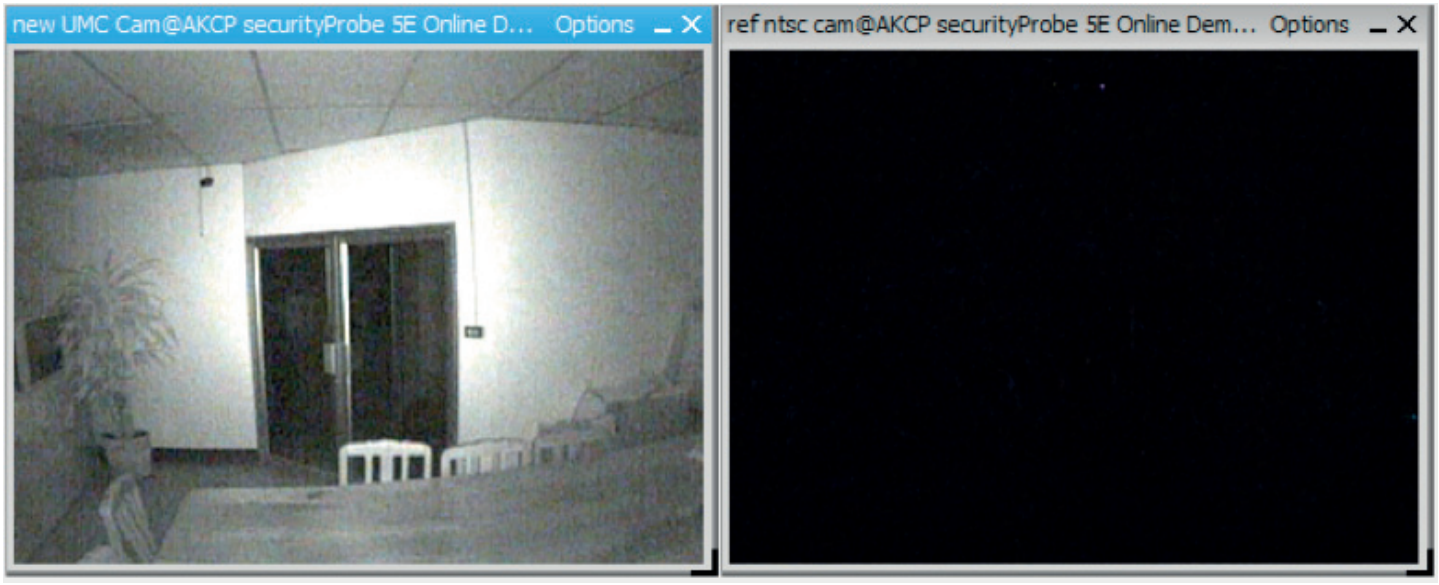
Sample Images from the UMDC IR

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



New UMDC **Old UMDC**

Night vision pictures from the UMC IR connected to the securityProbe 5E.



New UMDC **Old UMDC**