

TEK Hybrid MegaPixel Cameras

MB Series



- Hybrid - Simultaneous IP & Analog Video
- Available in 1.3, 3 and 5 Megapixel
- Auto-Mechanical Day/Night IR Filter
 - Integrated Video Motion Detection
 - Power over Ethernet or 12V/24V
 - Compatible with Popular NVRs
 - Built-in Web Server & FTP Client
 - Connect to Alarm for Triggering



Imaging

- All Models : RGB,CMOS,Frame Transfer , Up to 30FPS
- TEK-MB51CR : 2592*1944/TEK-MB31CR:2048*1536
- Light Sensitivity:0.3Lux Color , 0Lux in IR Mode (On IR Models w/IR illuminator)
- Automatic (with manual override)D/N mechanical IR filter mechanism(on IR models)
- Video Out BNC , allow viewing of video on standard CCTV monitor , MUX , DVR.
- Exposure range : 1/48,000 second –0.7 seconds .
- Auto/manual exposure , Auto/manual color balance , sharpening , auto/manual haze , defective pixel replacement .
- Contrast enhancement , gamma correction , DNR (digital noise reduction) , adaption image resolution (low light).
- Integrated video motion detection.
- Customizable data/time/text overlay.
- Image format : JPEG , M-JPEG , adjustable quality /filesize
- Lens Mount : Industry standard CS-Mount (C-Mount compatible)

Operating System /CPU

- UCLinux operating system/Motorola Coldfire CPU
- Built-in web server , telnet server , email client and FTP client.
- Supported protocols : TCP/IP . HTTP . FTP,ARP ,NTP,Telnet,Daytime,X/Y/Zmodem .
- 32MB DRAM, 4MB Flash Memory , 32MB Imaging buffer .
- Security :Password-protected user accounts for viewing and configuring NetCam SC.

Connectivity

- 1*10/100 base T Ethernet ,RJ45,PoE 802.3af.
- 1*BNC Video Output (NTSC/PAL)
- 1*DC Auto Iris Connector.
- 1*RS-232 Serial Port , DB9 Male , up to 115.2kb
- 1*fully isolated digital alarm input.
- 1*fully isolated relay rated at 28VDC 2A or 125VDC 0.5A

Physical

- Power Requirements :10-20VDC , 500mA 12V
- Weight : 14 ounces (397 grs)
- Or 802.3af approved PoE Switch or POE power injector (48VDC)
- Or 24VAC
- EMI Approval :FCC. Class A, CE (EN55024)