

DigiEye Lite

The Compact Network Security Management System



Main

Memory SDRAM 32 MB, System Flash Rom 8 or 16 MB

Storage - IDE/compact Flash

Real Time Clock - NVRAM/RTC

Power supply - 9-24 VDC absolute maximum rating, 8-15 W depending on configuration

A power supply compliant with SELV regulation must be used.

Video

Digitizer - Multi-standard PAL/NTSC

Video Input - 4 BNC CVBS 75 ohm, 1Vpp (termination selectable via Dip-switch), 1 BNC for chroma S-Video input

Image Compression - Delta®

Compression Ratio - Typical ratio for complete images 1:80 to 1:8 (from 8 to 80 kbytes) plus further reduction (from 0 % to 99 %) proportional to variation between two successive images

Image resolution - (PAL/NTSC) Full frame: 640*512/480, Half frame: 640*256/240, Quarter frame: 320*256/240

Communications

Serial Ports - 2 multi-standard (SW selectable from RS-232, RS-422 or RS-485)

Local Area Network - 1 Ethernet 10baseT port

Wireless Interface - Through 10baseT port (Wireless bridge)

Media - PSTN/POTS, ISDN, Cellular GPRS, XDSL, LAN and WAN

Protocols - TCP/IP, FTP, HTTP, NFS, SAMBA, SNMP

Transmission Rate - 12.5/15, 25/30, 25/30 images/s (Full, Half, Quarter frame) overall

Recording

Storage - locally, on Hard disk or Compact Flash card; over network, using SAMBA or NFS protocols

Recording rate - 12.5/15, 25/30, 25/30 images/s (Full, Half, Quarter frame) overall

Alarm I/O

Alarm Inputs - model 22 - 2 inputs opto-coupled, dry contact; model 41 - 4 inputs opto-coupled, dry contact (one common GND)

Alarm Outputs - model 22 - 2 relay outputs dry contact 1A 0-30VDC; model 41 - 1 relay output dry contact 1A 0-30VDC

Inputs and Outputs must be connected to circuits that are compliant with SELV regulation.

Audio

Codec - Codec PCM 8 kHz G723.1

Audio Input - Max 1Vpp. MIC or line level (gain software selectable). Mic phantom power supply

Audio Output - Max 3Vpp on 32ohm.

General

Operating Temperature - from +5°C to +55°C (with standard Hard Disk due to Hard Disk operating temperature); from -10°C to +60°C (extended to -30°C to +70°C according to CEI EN 60068-2-1 and 60068-2-2) with special Hard Disk

Operating humidity - 20% to 80% RH non-condensing

MTBF - 70,000 hrs

Certifications - CE, FCC class B, UL, CSA, CB

Dimensions- 105x180x62mm

Weight- 1.2Kg

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