DigiEye

The Multifunctional Digital Security Management System

MOTHERBOARD

CPU - Pentium 4 @ 2.4 GHz
RAM - 512 MB
Expansion slots - 2 PCI slot for optional RAID interface and RS232/485 expansion
Watchdogs - 2: one on the motherboard, one on the Frame Grabber board

VIDEO

Video Inputs - 16 composite video inputs for Color PAL or NTSC cameras, B/W CCIR or EIA cameras; 16 BNC connectors for camera inputs (1 Vpp/75 Ohm); 16 BNC connectors signal looped for each camera (1 Vpp/75 Ohm)
Video Outputs - 4 composite video outputs (CVBS) on BNC connectors (1 Vpp/75 Ohm), from internal video matrix switcher
Console output - SVGA monitor output; DB15-S VGA connector
Image resolution - PAL: 640x512, 640x256 or 320x256 pixels; NTSC: 640x480, 640x240 or 320x240 pixels
Image compression - Enhanced Delta®
Acquisition rate - 200/240 fields per second (PAL/NTSC)
Recording rate - Multiplexed up to 200/240 fields per second (PAL/NTSC)
Compression ratio - Typical for complete image 1:80 to 1:8 (from 8 to 80 kbyte) plus further reduction (from 0 % to 99%) proportional to variation between subsequent images
Motion detection - Executed in real time on each acquired image on complete image, or on multiple areas (of any number, shape, position and size)

AUDIO

Audio compression - G723.1 (8KHz sampling, final coding at 6.4 or 5.3 Kbit/s)
Required storage - Approximately 3 MB /hour

STORAGE

Hard drives -Two 3½" IDE drives and RAID support
Backup - One internal CD/DVD- RW and support for USB removable devices as PenDisk etc.

INTERFACES

Serial ports - 2 serial ports RS-232, 2 PS/2 ports for mouse and keyboard, 5 USB (4 rear, 1 frontal)
Local Area Network - 100BaseT, RJ-45 connector
Audio interface - Line out, line in, mic in on 3.5mm stereo jack
Digital inputs - 18 dry contact opto coupled
Digital outputs - 18 relay dry contact

COMMUNICATIONS

Supported media - IP networks, PSTN/POTS, ISDN, ADSL, HDSL, LAN, GPRS

GENERAL

Power supply - 110/230 VAC, 350W
Dimensions (WxDxH) - 19" 4U rack. (435 x 535 x 177 mm) / (17,1 x 21,1 x 7 inch). Max including BNC, handle and accessories (485 x 580 x 185 mm) / (19,1 x 22,8 x 7,3 inch)
Weight - 18 Kg / 39,7 lbs
Operating temperature - +5-+50 C˚
Max relative humidity - 5-95% non-condensing

For further information, please contact us at info@syac.com or visit our website – www.syac.com