

Smart Hawk SHB230MPA / SHB230MPA D/N



- TI DM365-300 High Performance Integrated platform
- SONY 1.3M CMOS sensor
- H.264 video compression and triple stream
- MPEG4 video compression and triple stream
- Max. composite output : 720 x 480(NTSC)/ 720 x 576(PAL)
- Power over Ethernet
- Embedded web server
- Supports the SD card for alarms & scheduled recording
- Time stamp on each frame with milli second resolution

Overview

Smart Guard Systems features highly efficient IP cameras (Smart Hawk SHB230MPA / SHB230MPA D/N) possessing 1.3 megapixel Sony CMOS sensor for large, highly detailed surveillance images. Megapixel images are ideal for security and surveillance as the level of detail increases the chances of recognizing faces and objects within a scene.

Additionally, the camera boasts of a superior low-light performance. The video streaming is such that there are simultaneous – dual and triple - streams in various combinations of codecs with controllable frame rate and bit rate. The H.264 compression enables optimization for bandwidth and storage efficiency by significantly reducing the bit rate. These IP devices support automatic/manual streaming frame rate control, especially for multiple clients' concurrent access the same video stream in different network bandwidth

The **Smart Hawk SHB230MPA D/ N** is a true day/night camera with removable IR cut filter. This allows the camera to display true color images during daylight and automatically switch to an infrared black and white mode at night.

The Video Analytics Card provides efficient use of resources, with automated, real-time detection of potentially threatening events, especially useful when positioned within critical infrastructures.

The cameras also feature automatic back-light compensation and Power over Ethernet. The most salient and unique feature is time stamp on each frame with milli seconds resolution.

Technical specifications

Sensor, Lens and System	Platform	TI TMS320DM365-300
	Sensor	SONY 1.3M COMS sensor(IMX035)
	System	NTSC/PAL
	Highest resolution	1280 x 1024
	Lens	CS mount
	Iris type	DC- Auto or manual
	AWB range	2500~7000K
	AES	1/30~1/1000
Min. illumination	Color	0.2 lux @ F1.2
	B/W	0.1 lux @ F1.2
	IR sensitivity	400~650nm
		2D Noise Filter
Video	High speed shutter	1/8000
	Configuration	Brightness, Contrast, AWB, Sharpness, Hue, Saturation, Gain
	Motion Detection	5 levels
	Compression	H.264/MPEG4/MJPEG
	Resolution	<ul style="list-style-type: none"> ▪ H.264 SXGA 24fps ▪ MPEG4 SXGA 30fps ▪ JPEG SXGA 30fps ▪ H.264(720P,30fps)/H.264(CIF,30fps)/G.711 dual streaming ▪ H.264(720P,30fps)/JPEG264(VGA,15fps)/G.711 dual streaming ▪ H.264(D1,30fps)*2 dual streaming ▪ MPEG4(720P,30fps)/MPEG4(CIF,30fps)/G.711 dual streaming ▪ MPEG4(720P,30fps)/JPEG(VGA,30fps)/G.711 dual streaming ▪ H.264(720P,30fps)/JPEG(VGA,5fps)/H.264(CIF,30fps)/G.711 triple streaming ▪ MPEG4(720P,30fps)/JPEG(VGA,15fps)/MPEG4(CIF,30fps)/G.711 triple streaming
Network	Interface	Ethernet (RJ-45, 10/100 Base-TX)
	Protocol	TCP/IP, DHCP, HTTP, UDP, UPnP, FTP, SMTP, RTP
	Through	2MB/sec
Software	Web-browser	Microsoft IE 6.0 or above
	Development tools	SDK
	Security	Multiple-users
Connectors	Video output	1.0Vpp, 75ohm, composite, negative, BNC*1
	Alarm I/O	1 input/ 1 output
	Serial port	RS- 485
	SD card	Alarm/ scheduled recording/ update
Audio	built-in microphone	μ law, 8KHz sample rate
	USB	configuration
	Reset	factory default
Others	LED indicator	Power/ Network
	Firmware update	upgrade with SD/HTTP
	Power requirement	DC 12V(AC110V / PoE)
	Operation Temperature	0°C~50°C
	Dimension	60(W) x 45(H) x 87(L) mm
	Accessories	Power adapter x 1 RS-232 wire x 1 Ethernet wire x 1

Contact: