

1 channel video server



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## FEATURES

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- Video and Audio Realtime Transmission
- MPEG-4 & M-JPEG compression modes (max. 25 fps)
- Video motion detection and pre/post-alarm buffer
- Video Signal Noise Reduction
- Easy Network Setup such as UPnP function, DDNS
- Support for PTZ and dome cameras
- Bidirectional Audio Support

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## SUMMARY

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The SNT-1010 is a high-performance, dual codec, dual stream, single input video encoding unit. It compresses the single camera input into two MPEG or MJPEG video and G.711 audio stream data simultaneously.

In addition, it transmits the stream data out through network on realtime basis in order to remotely monitor and record it respectively.

Pan/tilt/zoom control is done over the serial port, enabling PTZ and dome camera handling over the network.



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## SPECIFICATIONS

Operating System	Sever: embedded Linux PC: Windows XP / Windows 2000 Professional
Browser	Internet Explorer 5.0 or Higher
DirectX	DirectX 8.1 or Higher
Network	10/100 Base-T
Network Protocol	DHCP, TCP, UDP, HTTP, NTP
UPnP	Supporting Auto Network Configuration
Network Streaming	TCP, UDP(Unicast, Multicast)
Video Input(s)	1 CH Composite, BNC, Looped
Audio Input(s)	1x 3.5mm jack
Audio Output(s)	1x 3.5mm jack
Audio Compression	G.711, 64kbps 8kHz sampling, bidirectional full duplex
Video Compression	MPEG-4, M-JPEG
Video Resolution	D1(720x480), Half D1(720x240), CIF(352x288), QCIF(176x144)
Motion Detection	Sensitivity: High, Medium, Low
Alarm Input(s)	4 (5mA sink)
Alarm Output(s)	Output1 (24VDC 40mA max.) Relay Out, 2A/30VDC, 0,5A/125VAC
Alarm Event	Image transfer: FTP, E-mail Notification: to viewer and file server Alarm out
Alarm Trigger	Alarm Input, Video Loss, Motion Detection, Schedule
Serial Interface(s)	RS-485, Half-/ Full- DuplexPTZ Device control
PTZ Control	Auto PAN, Preset, Scan, Pattern, Power PTZ function support
IP Installer	IP Address Installation Function (Win XP & 2000 support)
Software Upgrade	Firmware Upgrade by Web Browser
Access Level	Guest, Administrator, Operator, User
IP Notification	The IP address is sent by FTP and/or SMTP, when a dynamic IP is received
Time Setting	Setting by NTP Server local or internet
Recording	Max 10 min can be recorded if available PC Hard Disc space is bigger than 20% of total capacity
SDK	HTTP API (Provides functionality to set/retzrieve internal parameter values), Windows API (ActiveX components for viewing streams from video camera and controlling)
Operating Temperature	0°C ~ +40°C
Humidity	20 ~ 85%RH
Supply Voltage	12 VDC / 24 VAC
Power Consumption	14.5 W
Dimensions w*h*d	160 x 33 x 136 mm

