

DESCRIPTION

The N-VT2010 Network Video Transmitter can be connected directly to a LAN (10 BASE-T/100 BASE-TX) and transmits camera's video and audio signals over the network. It features simultaneous transmission of both MPEG-4 and JPEG images, permitting smoothly-moving images and high-quality still images to be recorded and monitored.

The N-VT2010 also transmits bidirectional high-quality audio signals as uncompressed PCM or with sub-band ADPCM compression.

Besides an external power source of AC 24 V or DC 24 V, the N-VT2010 is compatible with Power over Ethernet (PoE), thereby eliminating the necessity of power cable wiring.

The N-VT2010 has a 12 V DC power output which supplies power to the equipment such as CV Series cameras and the remote controllers.

The supplied software decoder permits the remote surveillance system to be easily configured on a personal computer. In addition, the Digital Recorder and Combination Dome Camera can also be remotely controlled.

SPECIFICATIONS

* 0 dB = 1 V

Power Source	24 V AC, 50/60 Hz or 24 V DC or PoE (IEEE802.3af)
Power Consumption	10 W: at 24 V AC (9 W: PoE, 400 mA: 24 V DC)
Power Terminal	Screwless connector (Solid cable: ϕ 0.4 - ϕ 1.2 mm (AWG 26-16) Stranded cable: 0.3 - 1.25 mm ² (AWG 22-16))
Power Output	12 V DC, max. 0.2 A, screwless connector
Video Input	1 channel, VBS 1.0 V(p-p), 75 Ω , BNC jack, NTSC
Audio Input	1 channel, unbalanced, LINE/MIC changeable LINE: -10 dB*, 10 k Ω , RCA pin jack MIC: -60 dB*, 2.2 k Ω , mini-jack, volume adjustable phantom power supply (9 V, can be set with switch)
Audio Output	1 channel, -10 dB*, low impedance, unbalanced, RCA pin jack
Audio Frequency Response	50 to 14,000 Hz (when the sampling frequency is 32 kHz)
Contact Input	2 channel, no-voltage contact input, open voltage: 3 V DC, short-circuit current: Under 10 mA, loop resistance: Under 200 Ω , screwless connector
Contact Output	2 channel, open collector output, withstand voltage: 30 V DC, control current: 50 mA, screwless connector
Serial Port	RS-232C: D-sub connector (9 pins, male), RS-485: screwless connector
Network	
Network I/F	10 BASE-T/100 BASE-TX, Auto-Nego/Manual: RJ45 connector
Network Protocol	TCP, UDP, SIP, RTP, IGMP, HTTP, ARP, DHCP, DNS, SNMP, FTP, SMTP
Video Compression/Resolution	MPEG-4: D1 (720 \times 480), Half D1 (720 \times 240), QVGA (320 \times 240) JPEG: D1 (720 \times 480), Half D1 (720 \times 240), VGA (640 \times 480), QVGA (320 \times 240), QQVGA (160 \times 120)
Frame Rate	MPEG-4 (D1, max. 30 fps) + JPEG (D1, max. 5 fps)
Audio Compression/Decompression	Sub-band ADPCM, PCM (non-compression)
Audio Sampling Frequency	8 kHz, 32 kHz
Image Transfer Rate	MPEG-4: max. 4 Mbps
Simultaneous Connected Number	5 (MPEG-4: 4, JPEG: 1), In streaming mode: No limit (MPEG-4 only)
Other Function	Password authentication, Motion detection
Operating Temperature	0°C to +50°C (32°F to 122°F)
Operating Humidity	Under 90% RH (no condensation)
Finish	Case: Surface-treated steel plate, silver, paint
Dimensions	136 (W) \times 44 (H) \times 127.9 (D) mm (5.35" \times 1.73" \times 5.04") (excluding the projection and rubber foot)
Weight	700 g (1.54 lb)
Accessory	CD-ROM (Software decoder: N-SD2000, Manuals (PDF)) *1, Power conversion cable **1

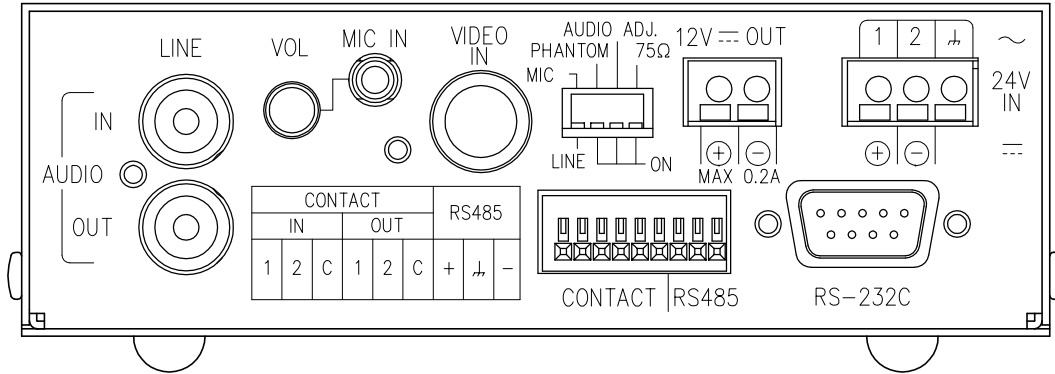
Personal Computer Requirements (for Software decoder)

Personal Computer Requirements	PC/AT compatible CPU: Pentium 4, over 3 GHz Memory: Over 512 MB Display adapter: XGA (1024 \times 768 pixels), Recommended: Intel Chipset Usable on DirectX 9.0a or later Sound controller: Usable over DirectX 9.0a or later Network adapter: Over 100 BASE-TX
OS	Windows XP Professional
Web Browser	Internet Explorer 6.0 or later

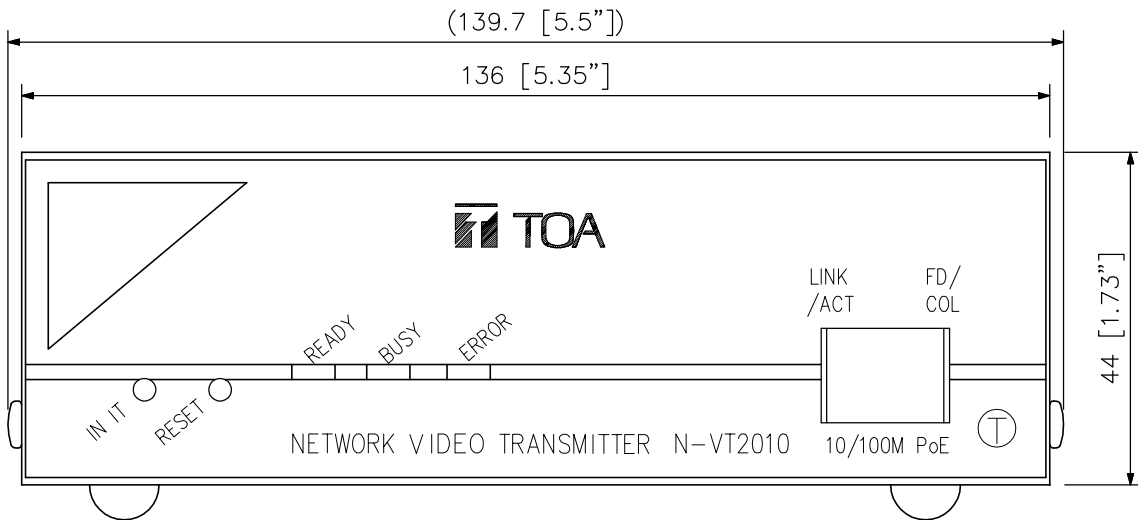
* Pentium is a trademark of Intel Corporation.

* Windows is a trademark of Microsoft Corporation.

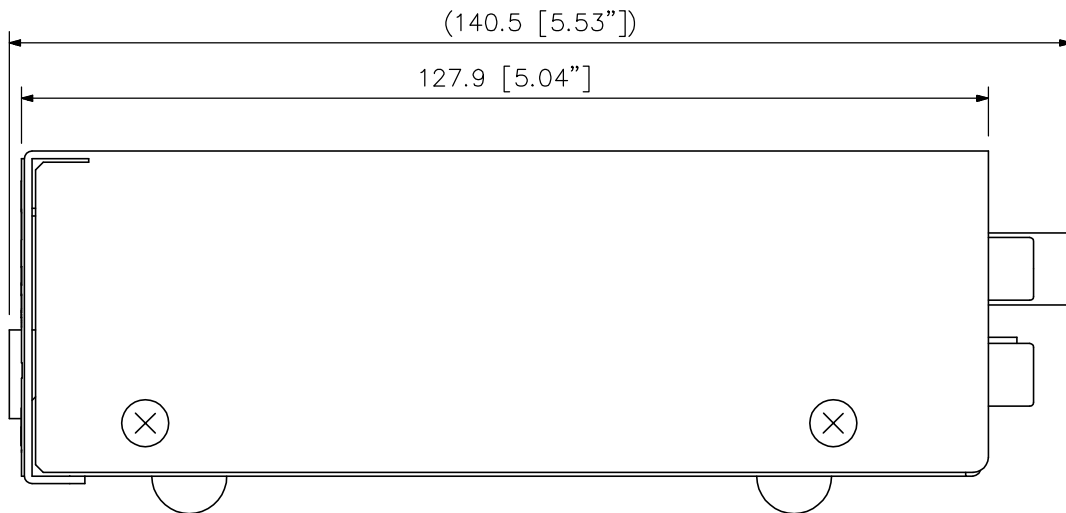
■ APPEARANCE



Rear View



Front View



Side View

UNIT:mm SCALE:1/1