VIVOTEK
BUILT WITH RELIABILITY

RX7101
Video Receiver

MJPEG · MPEG-4 Video Decoding

VIVOTEK RX7101 is a network video receiver, allowing you to have your network-based video appliances like network cameras and video servers connected with analog video devices like TV sets, analog monitors, or any other existing analog video switches. RX7101 supports all VIVOTEK's 7000-series network cameras and video servers. With it, you can quickly convert MJPEG or MPEG-4 digital videos into analog signals and easily output them to existing analog systems.

With the Ethernet interface, users can easily get access to the settings of each device through the built-in web server and the configuration in RX7101 will automatically guide you to establish a quick connection at system boot. RX7101 is able to decode real-time one channel of D1 video stream or 4 channels of CIF video streams.
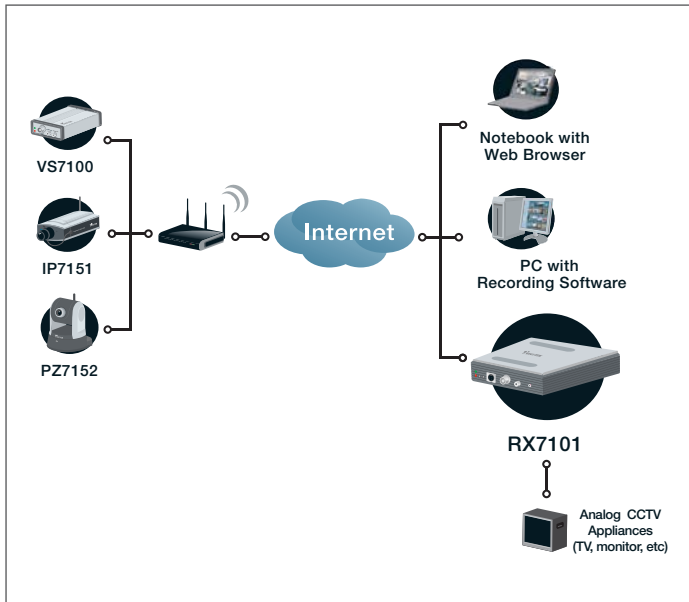
Features

> MJPEG and MPEG-4 Video Decoding

> Up to 1-CH D1 or 4-CH CIF Real-time Decoding

> Quad or Sequential Display in Multi-channel Mode

> GSM-AMR and MPEG-4 AAC Audio Decoding

> Digital I/O for External Sensor and Alarm

> Supports RS-485 Keyboard to Remotely Control PTZ Cameras

> Supports VIVOTEK's 7000-series Models

Specifications

System	
	· CPU: VVTK-1000 SoC, PNX-1502
	· RAM: 32MB SDRAM
	· ROM: 8MB FLASH ROM
	· Embedded OS: Linux 2.4
	· MJPEG video with resolution up to D1

Video	
	· MPEG-4 video with resolution up to D1
	· 4-channel CIF real-time decoding
	· Frame rates: up to 30fps

Audio	
	· GSM-AMR speech decoding
	· AAC audio decoding
	· Microphone:
	Omni-directional
	Frequency: 50 - 16000 Hz
	S/N ratio: more than 60 dB

Networking	
	· Ethernet10 baseT or 100 baseT Fast Ethernet auto negotiation
	· Protocols:TCP/IP, HTTP, SMTP, FTP, NTP,DNS, DHCP, RTSP/RTP/RTCP, and PPPoE

Alarm and Event Management	
	· Four D/O for alarm
	· RS-485

Security	
	· Administrator password authentication

Dimension	
	· 166 mm (D) x 147 mm (W) x 42 mm (H)

Weight	
	· Net: 703 g

LED indicator	
	· Two color system status indicators

Power	
	· 12V DC
	· Power consumption: Max. 6 W

Approvals	
	· CE, FCC, VCCI

Operating Environments	
	· Temperature: 0 ~ 50 °C (32 ~ 122 °F)
	· Humidity: 95% RH

Viewing System Requirements	
	· OS: Microsoft Windows 98SE/ME/ 2000/XP
	· Browser: Internet Explorer 6 or above

Installation, Management, and Maintenance	
	· Installation Wizard 2
	· Supports firmware upgrade

Warranty	
	· 24 months

System Overview

VS7100
IP7151
PZ7152
Internet
Notebook with Web Browser
PC with Recording Software
RX7101
Analog CCTV Appliances (TV, monitor, etc)

External View

S-video Output
RCA Audio Output
Status LEDs
Switch Channel
BNC Video Output
Microphone Audio Input

Power Cord Socket
General I/O Terminal Block
Ethernet 10/100 RJ45 Socket

VIVOTEK