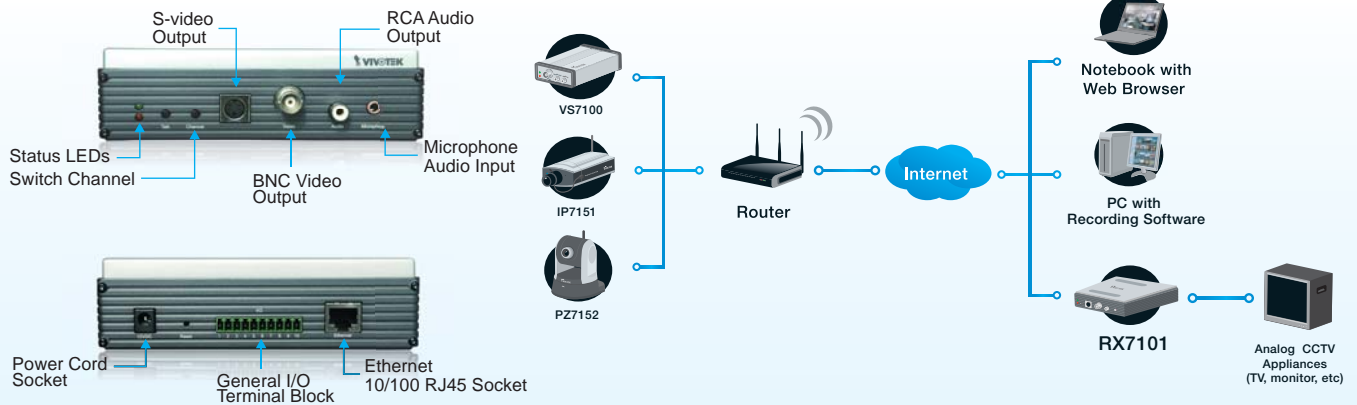**RX7101** Video Receiver
MJPEG · MPEG-4 Video Decoding

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

System Overview

S-video Output

RCA Audio Output

Status LEDs
Switch Channel

BNC Video Output

Microphone Audio Input

VS7100

IP7151

PZ7152

Router

Internet

Notebook with Web Browser

PC with Recording Software

RX7101

Analog CCTV Appliances (TV, monitor, etc)

Power Cord Socket

General I/O Terminal Block

Ethernet 10/100 RJ45 Socket

Specifications

System
· CPU: VVTK-1000 SoC, PNX-1502
· RAM: 32MB SDRAM
· ROM: 8MB FLASH ROM
· Embedded OS: Linux 2.4

Video
· Motion JPEG video with resolution up to D1
· MPEG-4 video with resolution up to D1
· 4-channel CIF real-time decoding
· Frame rates: up to 30fps
· Streaming:
  MPEG-4 streaming over UDP, TCP, or HTTP
  MPEG-4 multicast streaming
  MJPEG streaming over HTTP

Audio
· GSM-AMR speech decoding
· AAC audio decoding

Microphone
· Omni-directional
· Frequency: 50-16000 Hz
· S/N ratio: more than 60 dB

General I/O
· 4 digital output
· RS-485

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

Security
· Administrator password authentication

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

Weight
· Net: 703 g

LED Indicator
· Two color system status indicators

Power
· Input: 100-240V AC, 50/60 Hz
· Output:12V DC, 1.5A
· Consumption: 6 W

Approvals
· CE, FCC, VCCI

Operating Environments
· Temperature: 0 °~50 °C (32 °~122 °F)
· Humidity: 20 % ~ 80 % RH

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

Application
· Installation Wizard 2