

DVP-1411E

1 Channel Network-based MPEG-4 A/V Video Server Module

Preliminary



Features

- Supports NTSC/PAL composite video input for MPEG-4 video encoding on standard 10/100Mbps Ethernet, follows standard RTCP video streaming protocol
- Hardware audio/video encoding engine onboard
- Modularized design, easy to customize for different housings
- Provides Windows® 2000/XP OCX/ActiveX library for video decoding function configuration
- Very low power consumption design
- Supports RS-485 interface for remote PTZ control
- Supports local console setting

Introduction

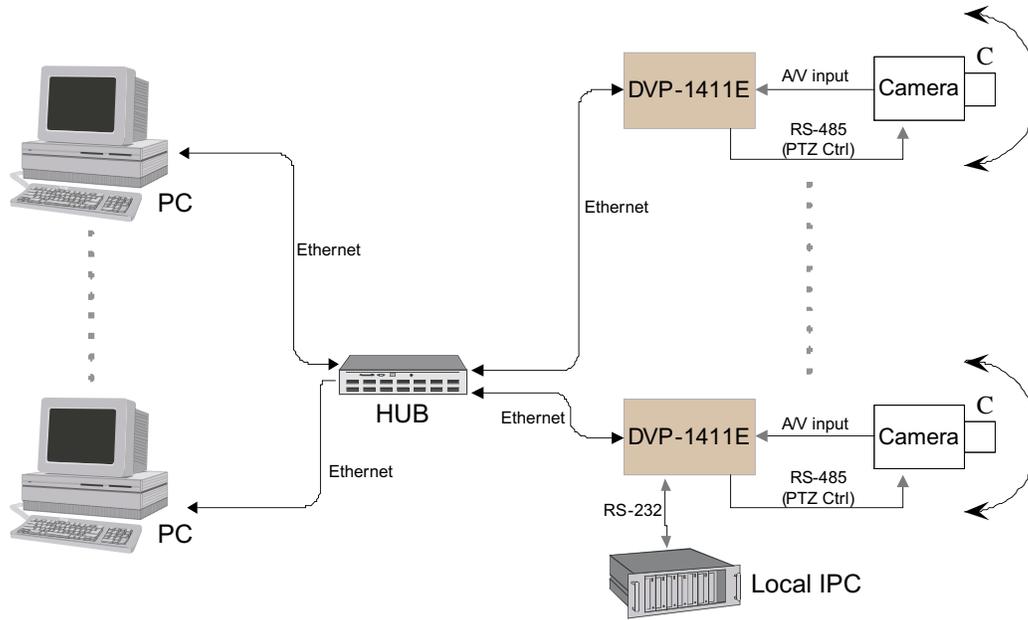
Designed for OEM and industrial applications, DVP-1411E is a modularized, compact, and high performance MPEG-4 based networking video server module for digital video / audio IP-based digital surveillance systems.

DVP-1411E follows standard network streaming protocols with RTCP / G.263 for video/audio streaming transmission. DVP-1411E enables users to view high quality live video and audio from any networked computers. System integrators can use the SDK to integrate digital video into their own applications. With a passive RS-485 interface, DVP-1411E can transfer commands via a PTZ controller over the network to remotely control the camera.

Specifications

Video	Input connectors	Pin-header from carrier board
	Video standard	Composite for NTSC / PAL
	Resolution	VGA / CIF / QVGA
	Frame rate	10fps (VGA) / 25fps (CIF)
	Video encoding	MPEG-4
	Compression	Adjustable bit rate and frame rate
	Data output format	format MPEG-4 Simple Profile
	Input connectors	Pin-header from carrier board / Stereo input
Audio	Compression	G.726
Others	PTZ control	Direct forwarding commands from remote PC
	Max. connections	Up to 3 PCs simultaneously
	Driver and SDK	Supporting Microsoft Windows® 2000/XP on client side; video decoder and commands setting by OCX/ActiveX interface
	Demo program	Complete demo program with C++ source code for reference
	Network Interface	10/100Mbps Ethernet to carrier board
Hardware	Dimensions	TBD
	Power consumption	+3.3 V DC input, max. 900 mA
	Temperature	0 ~ 60° C (32 ~ 140° F; Operating) -20 ~ 70° C (-4 ~ 158° F; Non-Operating)

System Diagram



Ordering Information

Part Number	Description
DVP-1411E	1-ch Network based MPEG-4 A/V video server module

Packing List

- Startup manual X 1
- Utility CD X 1