DS-6101HFI-IP DVS

Technical Manual

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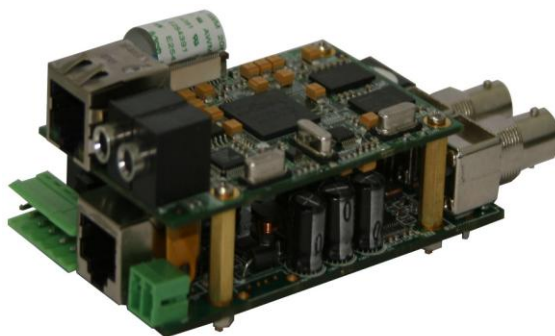Find out more about HIKVISION at www.hikvision.com

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1. Overview

DS-6101HFI-IP is newly designed one channel digital video server especially for remote surveillance applies embedded Linux and embedded MCU, which is completely independent of PC platform, and more steady and reliable. It adopts the latest TI DaVinci Chip and Hikvision own patent H.264 video compression algorithm.

DS-6101HFI-IP also can be used as IP module. As IP module, it can be integrated into camera and speed dome to build IP camera and IP dome.

Current DVR/DVS SDK and center management software are compatible with DS-6101HFI-IP.

DS-6101HFI-IP

DS-6101HFI-IP with Enclosure

2. Model Description

DS-6104HCI: 1-ch video input and 1-ch audio input. It can support 4CIF compression real time.

3. Features

- Embedded Linux OS
- TI Davinci hardware compression
- 1 channel H.264 video compression 4CIF real time
- 1 channel audio compression
- Support 4CIF/DCIF/2CIF/CIF/QCIF real time compression
- Support dual stream
- Support motion detection
- Support both variable bit rate and variable frame rate
- Support TCP, UTP, RTP, Multicast, DHCP, PPPoE and HTTP, etc.
- Support Hikvision watermark
- Support PTZ control
- Support sensor alarm input and relay output
- Motion, sensor and other events can be sent to remote host center
- Support network voice talk
- Compatible with current SDK and client software

4. Specifications

Model	DS-6101HFI-IP
Video standard	H.264
Encode/Decode resolution	4CIF/DCIF/2CIF/CIF/QCIF
Video input	1 ch BNC, 1.0Vp-p, 75Ω
Frame rate (per channel)	4CIF: 25(P)/30(N) fps
Bit rate	32Kbps ~ 2Mbps, user-defined
Stream type	Video/Video&Audio
Support dual stream	Yes
Audio input	1
	BNC 2.0Vp-p, 1kΩ
Audio output	1 Channel RCA Linear Electrical Level, 600Ω
Audio Compression	OggVorbis 16Kbps
Voice talk	1 Line in RCA 2.0Vp-p, 1kΩ
Network port	1 RJ45 10M/100M
RS-232 port	1 RJ45 RS-232 Port
PTZ port	Screw terminal (T+, T-)
Alarm input	1
Relay output	1
Power supply	DC 12V
Power consumption	≤3W
Working temperature	-10°C ~ +55°C
Working humidity	10% ~ 90%
Size	70mm*120mm*45mm
Weight	≤0.5Kg

PAL: 176×144(QCIF), 352×288(CIF), 704×288(2CIF), 528×384(DCIF), 704×576(4CIF);
NTSC: 176×120(QCIF), 352×240(CIF), 704×240(2CIF), 528×320(DCIF), 704×480(4CIF).