

IP Rugged Dome

CAM-7100

MPEG-4 Real-time Network Streaming IP Rugged Dome with Audio

- ◆ 1/3" interline transfer Sony SuperHAD CCD sensor
- ◆ MPEG-4 ASP compliant hardware compression
- ◆ Up to Full D1 resolution @ 30 fps
- ◆ Dual MPEG-4 video stream output via LAN and WAN (PPPoE supported) ports at the same time
- ◆ QoS enabled (L2, L3) for video streaming (UniCast/MultiCast)
- ◆ DDNS supported
- ◆ 0.5 lux at F1.2 (30 IRE, SAGC ON) / 0 lux under IR illumination
- ◆ Backlight Compensation, Auto Iris Control, Auto White Balance supported
- ◆ Digital time code embedded
- ◆ Built-in motion detection
- ◆ Audio function supported



IP Speed Dome

CAM-6100/CAM-6110/CAM-6120



CAM-6100/CAM-6110/CAM-6120

MPEG-4 Real-time IP High Speed Dome

- ◆ 1/4" type Sony SuperHAD CCD sensor (CAM-6100)
- ◆ 1/4" type Sony Exview HAD CCD sensor (CAM-6110)
- ◆ 1/6" type Sony SuperHAD CCD sensor (CAM-6120)
- ◆ MPEG-4 ASP compliant hardware compression
- ◆ Up to Full D1 resolution @ 30 fps
- ◆ Dual MPEG-4 video stream output via LAN and WAN (PPPoE supported) ports at the same time
- ◆ QoS enabled (L2, L3) for video streaming (UniCast/MultiCast)
- ◆ DDNS supported
- ◆ Remote Pan/Tilt/Zoom control
- ◆ 216X zoom : 18X optical zoom and 12X digital zoom (CAM-6100/CAM-6110)
- ◆ 300X zoom : 25X optical zoom and 12X digital zoom (CAM-6120)
- ◆ Built-in web server and network interface enable quick and easy installation through network
- ◆ Built-in motion detection
- ◆ Image stabilizer (CAM-6120)

CAM-6200/CAM-6210/CAM-6220/CAM-6230

MPEG-4 Real-time IP Speed Dome

- ◆ 1/4" Sony SuperHAD CCD sensor
- ◆ MPEG-4 ASP compliant hardware compression
- ◆ Up to Full D1 resolution @ 30 fps
- ◆ Dual MPEG-4 video stream output via LAN and WAN (PPPoE supported) ports at the same time
- ◆ QoS enabled (L2, L3) for video streaming (UniCast/MultiCast)
- ◆ DDNS supported
- ◆ Remote Pan/Tilt/Zoom control
- ◆ 352X zoom : 22X optical zoom and 16X digital zoom (CAM-6200/CAM-6210)
- ◆ 270X zoom : 27X optical zoom and 10X digital zoom (CAM-6220/CAM-6230)
- ◆ Built-in motion detection
- ◆ Vandal proof housing (CAM-6210/CAM-6230)



Rackmount Kit

RMK-1000/RMK-2000



RMK-1000/RMK-2000

Rackmount Kit for ACTi MPEG-4 IP Surveillance Devices

- ◆ 19-inch 3U Rackmount Kit for Din-rail devices or 4U Rackmount Kit for Wallmount devices
- ◆ Dedicate fan for cooling ventilation
- ◆ Better and fast access for installation and maintenance
- ◆ Flexible mounting environment
- ◆ Minimal setup cost

Software Development Kit

SDK-2000/SDK-3000/SDK-4000/SDK-5000/SDK-6000

Software Development Kit - ACTi Streaming SDK

- ◆ Easy to integrate into video surveillance application
- ◆ Simple calls to support preview/record/playback
- ◆ Visual C, C++, Visual BASIC and JavaScript supported
- ◆ Sample codes included
- ◆ C Library edition
- ◆ ActiveX Control edition
- ◆ URL Command edition
- ◆ May decode with XviD, FFMPEG



Client Application



Activator - IP Edition

Bundled Application ACTi Streaming Activator - IP Edition

- ◆ Manages up to 16 cameras
- ◆ Supports 1, 4, 6, 8, 9, 10, 16 preview window layout
- ◆ Customizable logo and user interface
- ◆ Preview / Record / Playback functions
- ◆ Create snapshot images and export video clips
- ◆ Background / Recycle / Schedule recordings
- ◆ Hardware motion detection
- ◆ Digital I/O event handling
- ◆ Maximum 30 seconds pre-event recording
- ◆ Expandible PTZ commands
- ◆ Search video clips by date, time and event clips

Hybrid nDVR

Application Software ACTi Hybrid nDVR - nDVR + IP

- ◆ Hybrid solution to support analog and IP cameras
- ◆ Manage up to 25 cameras (16 analog + 9 IP)
- ◆ Supports 1, 4, 9, 16, 25 preview windows
- ◆ Client-server infrastructure
- ◆ eMap management
- ◆ Advanced remote monitoring
- ◆ Scalable to enterprise-level manageability



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➔ MPEG-4 ASP
➔ Full D1
➔ 30 FPS
➔ Network Streaming

MPEG-4 IP Surveillance
Solution Guide

IP Camera

CAM-5100

MPEG-4 Real-time Network Streaming IP Camera

- ◆ 1/3" SONY SuperHAD CCD sensor
- ◆ MPEG-4 ASP compliant compression
- ◆ Up to Full D1 resolution @ 30 fps
- ◆ Dual MPEG-4 video stream output via LAN and WAN (PPPoE supported) ports at the same time
- ◆ QoS enabled (L2, L3) video streaming (UniCast/MultiCast)
- ◆ Min. 0.15 Lux at F=1.2
- ◆ Backlight Compensation, Auto Iris Control, Auto White Balance supported
- ◆ Built-in motion detection



CAM-5120

MPEG-4 Real-time Day and Night Network Streaming IP Camera

- ◆ 1/3" SONY Exview HAD CCD sensor
- ◆ Both color and B/W capabilities
- ◆ Super Gain Control, IR cut filter switching mechanism
- ◆ Optional IR Aspherical lens
- ◆ MPEG-4 ASP compliant compression
- ◆ Up to Full D1 resolution @ 30 fps
- ◆ Dual MPEG-4 video stream output via LAN and WAN (PPPoE supported) ports at the same time
- ◆ QoS enabled (L2, L3) video streaming (UniCast/MultiCast)
- ◆ Min. 0.05 Lux at F=1.2, without IR light
- ◆ Backlight Compensation, Auto Iris Control, Auto White Balance supported
- ◆ Built-in motion detection



CAM-5130

MPEG-4 Real-time Network Streaming Indoor Day and Night 230X IP Zoom Camera

- ◆ 1/4" SONY SuperHAD with 470K/410K pixels
- ◆ MPEG-4 ASP compliant compression
- ◆ Up to Full D1 resolution @ 30 fps
- ◆ QoS enabled (L2, L3) video streaming (UniCast/MultiCast)
- ◆ Built-in auto focus / auto iris / 23X optical zoom lens with 10X digital zooms
- ◆ Smart Optical Low Pass Filter (OLPF) switching mechanism
- ◆ Backlight Compensation (BLC), motion detection and masking functions
- ◆ Advanced white balance mode: ATW, AWB, MWB (level, R-Y gain, B-Y gain control)
- ◆ Dual MPEG-4 video stream output via LAN and WAN (PPPoE supported) ports at the same time
- ◆ Built-in motion detection
- ◆ IP66 water proof



CAM-5140

MPEG-4 Real-time Network Streaming Outdoor Day and Night 230X IP Zoom Camera

- ◆ 1/4" SONY Exview HAD with 470K/410K pixels
- ◆ MPEG-4 ASP compliant compression
- ◆ Up to Full D1 resolution @ 30 fps
- ◆ QoS enabled (L2, L3) video streaming (UniCast/MultiCast)
- ◆ Built-in auto focus / auto iris / 23X optical zoom lens with 10X digital zooms
- ◆ Smart Optical Low Pass Filter (OLPF) switching mechanism
- ◆ Backlight Compensation (BLC), motion detection and masking functions
- ◆ Advanced white balance mode: ATW, AWB, MWB (level, R-Y gain, B-Y gain control)
- ◆ Dual MPEG-4 video stream output via LAN and WAN (PPPoE supported) ports at the same time
- ◆ Built-in motion detection
- ◆ IP66 water proof



CAM-5200/CAM-5201/CAM-5202

MPEG-4 Real-time Network Streaming IP Camera with Audio

- ◆ 1/3" SONY SuperHAD CCD sensor
- ◆ MPEG-4 ASP compliant compression
- ◆ Up to Full D1 resolution @ 30 fps
- ◆ Dual MPEG-4 video stream output via LAN and WAN(PPPoE supported) ports at the same time
- ◆ QoS enabled (L2, L3) video streaming (UniCast/MultiCast)
- ◆ Min. 0.15 Lux at F=1.2
- ◆ Backlight Compensation, Auto Iris Control, Auto White Balance supported
- ◆ Built-in motion detection
- ◆ Audio function supported
- ◆ Power Over Ethernet (IEEE 802.3af) supported (CAM-5201) or AC 24 V power source supported (CAM-5202)





ACTi designs, develops and manufactures end-to-end network video solutions in industrial video market. We offer hardware systems, firmware, software development kits, and software application to empower worldwide system integrators, system assemblers, value-added distributors and ODM partners.

ACTi focus on applying embedded SoC, MPEG-4 codec, video streaming technologies to build finished products with SDK (software development kit) such as IP Camera, IP Speed Dome, Video Server, Video Transcoder, DVR, Network Attached Storage for IP surveillance market.

Customer Services

- ◆ One-stop shopping for all IP surveillance products
- ◆ Customization services
- ◆ Empower best performance with competitive cost offering

Video Server



SED-2100/SED-2120

MPEG-4 Real-time Network Streaming Video Server

- ◆ MPEG-4 ASP compliant compression
- ◆ Up to Full D1 resolution @ 30 fps
- ◆ QoS enabled (L2, L3) video streaming (UniCast/MultiCast)
- ◆ Automatic and variable frame rate control for video streaming
- ◆ Digital time code embedded
- ◆ Dual MPEG-4 video stream output via LAN and WAN (PPPoE supported) ports at the same time
- ◆ Bi-directional audio supported
- ◆ DDNS supported
- ◆ Built-in motion detection

(SED-2120 is only available in some territories. For more detail information, please contact your sales representative.)

SED-2400

MPEG-4 Real-time Network Streaming Video Server with Audio

- ◆ MPEG-4 ASP compliant compression
- ◆ Bi-directional audio supported
- ◆ Up to Full D1 resolution @ 30 fps
- ◆ QoS enabled (L2, L3) video streaming (UniCast/MultiCast)
- ◆ Automatic and variable frame rate control for video streaming
- ◆ Digital time code embedded
- ◆ Dual MPEG-4 video stream output via LAN and WAN (PPPoE supported) ports at the same time
- ◆ Isolated digital input and output supported
- ◆ Analog and digital video outputs simultaneously
- ◆ Built-in motion detection



SED-2410 / SED-2420

2-channel MPEG-4 Real-time Network Streaming Video Server with Audio

- ◆ MPEG-4 ASP compliant compression
- ◆ Bi-directional audio supported (SED-2420)
- ◆ Up to Full D1 resolution @ 30 fps
- ◆ QoS enabled (L2, L3) video streaming (UniCast/MultiCast)
- ◆ Automatic and variable frame rate control for video streaming
- ◆ Digital time code embedded
- ◆ Dual MPEG-4 video stream output via LAN and WAN (PPPoE supported) ports at the same time
- ◆ Isolated digital inputs and outputs supported
- ◆ Analog and digital video outputs simultaneously
- ◆ Built-in motion detection



SED-2300Q

4-channel MPEG-4 Quad Processor Integrated Video Server

- ◆ MPEG-4 ASP compliant compression
- ◆ Up to Full D1 resolution @ 30 fps
- ◆ QoS enabled (L2, L3) video streaming (UniCast/MultiCast)
- ◆ Real-time quad video
- ◆ Monitor output displays single channel or quad image
- ◆ Digital time code embedded
- ◆ Dual MPEG-4 video stream output via LAN and WAN (PPPoE supported) ports at the same time
- ◆ Automatic and variable frame rate control for video streaming
- ◆ Hardware motion detection and video loss detection



SED-2300Q

4-channel MPEG-4 Quad Processor Integrated Video Server

- ◆ MPEG-4 ASP compliant compression
- ◆ Up to Full D1 resolution @ 30 fps
- ◆ QoS enabled (L2, L3) video streaming (UniCast/MultiCast)
- ◆ Real-time quad video
- ◆ Monitor output displays single channel or quad image
- ◆ Digital time code embedded
- ◆ Dual MPEG-4 video stream output via LAN and WAN (PPPoE supported) ports at the same time
- ◆ Automatic and variable frame rate control for video streaming
- ◆ Hardware motion detection and video loss detection



IP Network Analog Video

Video Transcoders

SED-3200

QoS-enabled Real-time MPEG-4 video Transcoder

- ◆ Up to full D1 MPEG-4 video decoding @ 30 fps
- ◆ Supports both regular TV system and digital-TV
- ◆ QoS enabled (L2, L3) video streaming (UniCast/MultiCast)
- ◆ Digital time code retrieved
- ◆ Dual MPEG-4 video stream input via LAN or WAN (PPPoE supported) ports at the same time
- ◆ DDNS supported



SED-3300

QoS-enabled Real-time MPEG-4 Video Transcoder with Audio

- ◆ Up to full D1 MPEG-4 video decoding @ 30 fps
- ◆ Supports both regular TV system and digital-TV
- ◆ QoS enabled (L2, L3) video streaming (UniCast/MultiCast)
- ◆ Digital time code retrieved
- ◆ Dual MPEG-4 video stream input via LAN or WAN (PPPoE supported) ports at the same time
- ◆ DDNS supported
- ◆ Bi-directional audio supported



Network Video Recorder

NVR-4100

ACTi Network Video Recorder

- ◆ Support up to 48 channels
- ◆ Concurrent recording without preview
- ◆ MPEG-4 compliant format (ISO-14496-2)
- ◆ Time-based recording engine
- ◆ Event Recording, Schedule Recording
- ◆ 1U slim type rackmount form factor
- ◆ Dual Gigabit Ethernet
- ◆ Scalable storage architecture
- ◆ Windows Storage Server 2003 (WSS2003) ready



NAS-1500

1U Network Attached Storage Server, supports up to 1 TB

- ◆ 4 hot-swappable IDE HDDs with max. 1 TB storage
- ◆ 1U slim type rackmount form factor
- ◆ Dual Gigabit Ethernet
- ◆ Windows Storage Server 2003 (WSS2003)
- ◆ Extendable another 4.8 TB with a subsystem



IP Receiver

SED-2200

MPEG-4 Full D1 IP Receiver

- ◆ MPEG-4 ASP compliant compression
- ◆ Up to Full D1 resolution @ 30 fps
- ◆ QoS enabled (L2, L3) video streaming (UniCast/MultiCast)
- ◆ Automatic and variable frame rate control for video streaming
- ◆ Digital time code embedded
- ◆ Dual MPEG-4 video stream output via LAN and WAN (PPPoE supported) ports at the same time
- ◆ Zoom lens camera control
- ◆ Pelco-P command supported
- ◆ IP66 water proof
- ◆ Optical isolated alarm input, Form A type relay output

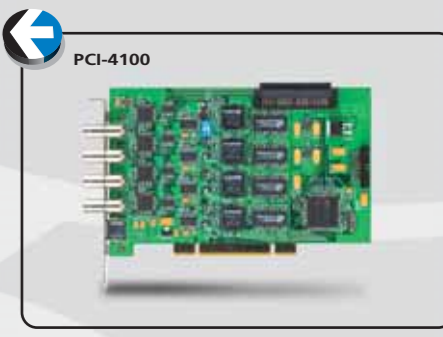


Network DVR Platforms

PCI-4100

4-channel MPEG-4 Video Audio Compression Card

- ◆ 4 channel video/audio inputs via BNC and RCA connectors
- ◆ MPEG-4 ASP compliant hardware compression
- ◆ Up to full D1 resolution @ 120 FPS
- ◆ Digital time code embedded
- ◆ Windows WDM Driver (DirectShow Filter Supported)
- ◆ Video signal loss detection



PCI-5100

4-channel MPEG-4 Video Decoder Card

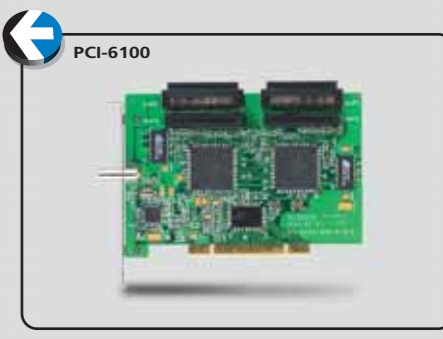
- ◆ MPEG-4 hardware decompression supported
- ◆ Up to Full D1 resolution per channel
- ◆ Windows kernel mode driver
- ◆ 4 composite video outputs
- ◆ 4 channel VPO bus outputs



PCI-6100

Real-time Display Card Supports up to 16 Channels of Video Output

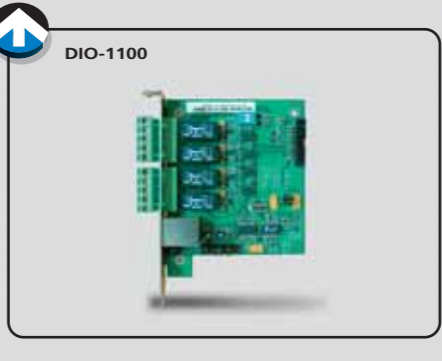
- ◆ 16 live video channels previewing at the same time
- ◆ Hardware motion detection
- ◆ Video loss detection
- ◆ Blind camera detection
- ◆ VGA and TV output supported



DIO-1100

Digital Input/Output Card

- ◆ 4 isolated digital input with photo couple
- ◆ 4 relay output channels with surge protection
- ◆ RS-232/485 supported



nDVR Development Kit

nDVR Development Kit for Hybrid nDVR Solution

- ◆ Easy to integrate into video surveillance applications
- ◆ Visual C, C++, Visual BASIC and JavaScript support
- ◆ ActiveX control edition
- ◆ Maximum 16-channel video and audio inputs
- ◆ Maximum 16-channel live preview at the same time
- ◆ MPEG-4 ASP compliant hardware compression
- ◆ CIF up to D1 resolution per channel
- ◆ Digital time code embedded
- ◆ Windows WDM driver (DirectShow Filter supported)
- ◆ Video signal loss detection
- ◆ Hardware motion detection
- ◆ Blind camera detection

