

IP Dome

CAM-7100

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

- ◆ 1/3" SONY Super HAD color CCD sensor
- ◆ Min. 0.5 Lux at F=1.2 (30 IRE, SAGC ON)
- ◆ Backlight Compensation, Auto Iris Control, Auto White Balance supported
- ◆ MPEG-4 ASP compliant compression
- ◆ CIF up to Full D1 resolution at 30/25 FPS
- ◆ Dual MPEG-4 video stream output via LAN and WAN (PPPoE supported) ports at the same time
- ◆ QoS enabled (L3) video streaming (Unicast/Multicast)
- ◆ One-way audio supported
- ◆ Power Over Ethernet (IEEE 802.3af) supported (CAM-7101) or AC 24V power source supported (CAM-7102)

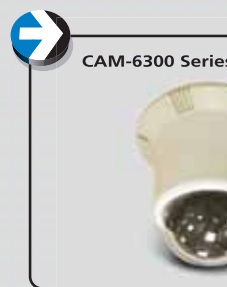


IP Speed Dome



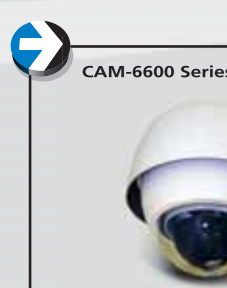
- CAM-6100 Series**
MPEG-4 Real-time IP High Speed Dome
- ◆ 1/4" SONY Super HAD CCD Sensor (CAM-6100)
 - ◆ 1/4" SONY Exview HAD CCD Sensor (CAM-6110)
 - ◆ 1/6" SONY Super HAD CCD Sensor (CAM-6120)
 - ◆ Min. 3 Lux at F1.4 (50IRE, AGC on) (CAM-6100)
 - ◆ Min. 0.01 Lux at F1.4 (50IRE, AGC on) (CAM-6110)
 - ◆ Min. 0.08 Lux at F1.4 (50IRE, AGC on) (CAM-6120)
 - ◆ Image stabilizer supported (CAM-6120)
 - ◆ Day and night function (CAM-6110/CAM-6120)
 - ◆ MPEG-4 ASP compliant compression
 - ◆ CIF up to Full D1 resolution at 30/25 FPS
 - ◆ Dual MPEG-4 video stream output via LAN and WAN (PPPoE supported) ports at the same time
 - ◆ QoS enabled (L3) video streaming (Unicast/Multicast)
 - ◆ Remote Pan/Tilt/Zoom control

- CAM-6200 Series**
MPEG-4 Real-time Entry-level IP Speed Dome
- ◆ 1/4" Sony SuperHAD CCD sensor
 - ◆ 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)
 - ◆ Day and night function (CAM-6220/CAM-6230)
 - ◆ MPEG-4 ASP compliant hardware compression
 - ◆ CIF up to Full D1 resolution at 30/25 FPS
 - ◆ Dual MPEG-4 video stream output via LAN and WAN (PPPoE supported) ports at the same time
 - ◆ QoS enabled (L3) for video streaming
 - ◆ PPPoE supported
 - ◆ DDNS supported
 - ◆ Remote Pan/Tilt/Zoom control
 - ◆ Vandal proof (CAM-6210/CAM-6230)



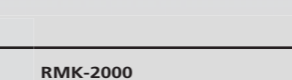
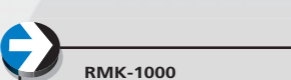
- CAM-6300 Series**
MPEG-4 Real-time IP Speed Dome
- ◆ 1/4" SONY Exview HAD with 440K/380K pixels
 - ◆ 10X optical zoom and 10X digital zoom
 - ◆ Pan driver accuracy of 0.50°
 - ◆ Preset speed up to 300°/sec
 - ◆ MPEG-4 ASP compliant compression
 - ◆ CIF up to Full D1 resolution at 30/25 FPS
 - ◆ Dual MPEG-4 video stream output via LAN and WAN (PPPoE supported) ports at the same time
 - ◆ QoS enabled (L3) video streaming
 - ◆ Remote Pan/Tilt/Zoom control
 - ◆ Vandal proof (optional)

- CAM-6500 Series**
MPEG-4 Real-time IP High Speed Dome with Wide Dynamic Option
- ◆ 1/4" SONY Exview HAD with 440K/380K pixels
 - ◆ Preset speed up to 400°/sec.
 - ◆ Digital flip and high speed P/T/Z functions enhance tracking ability
 - ◆ Pan driver accuracy of 0.225°
 - ◆ Pan & Tilt proportional to Zoom Ratio
 - ◆ Minimum illumination 0.01Lux
 - ◆ Digital slow shutter
 - ◆ MPEG-4 ASP compliant compression
 - ◆ CIF up to Full D1 resolution at 30/25 FPS
 - ◆ Dual MPEG-4 video stream output via LAN and WAN (PPPoE supported) ports at the same time
 - ◆ QoS enabled (L3) video streaming
 - ◆ Remote Pan/Tilt/Zoom control
 - ◆ Vandal proof (optional)



- CAM-6600 Series**
MPEG-4 Real-time IP Outdoor High Speed Dome
- ◆ 1/4" SONY Exview HAD with 440K/380K pixels
 - ◆ Preset speed up to 400°/sec.
 - ◆ Digital flip and high speed P/T/Z functions enhance tracking ability
 - ◆ Pan driver accuracy of 0.225°
 - ◆ Minimum illumination 0.01Lux
 - ◆ Weather resistant housing, with IP66 certification
 - ◆ MPEG-4 ASP compliant compression
 - ◆ CIF up to Full D1 resolution at 30/25 FPS
 - ◆ Dual MPEG-4 video stream output via LAN and WAN (PPPoE supported) ports at the same time
 - ◆ QoS enabled (L3) video streaming
 - ◆ Remote Pan/Tilt/Zoom control
 - ◆ Vandal proof (optional)

Rackmount Kit



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

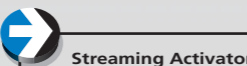
SDK-2000/SDK-2200/SDK-3000/SDK-4000/SDK-5000/SDK-6000

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



Application Software



ACTi NVR

ACTi Network Video Recorder

- ◆ Supports 16, 32, 48, 64 Channels at Full D1 @ 30 FPS with 1.5 Mbps concurrently
- ◆ Web-based administration
- ◆ Record video + audio format in ISO-14496-2 MPEG-4 format
- ◆ Continuous, Schedule, Motion, Alarm Recording
- ◆ Full-featured search functions based on channel, date, time and events
- ◆ Active storage management to manage disk capacity
- ◆ Remote preview and remote playback
- ◆ Streaming engine
- ◆ Customization and NVR SDK ready for integration



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

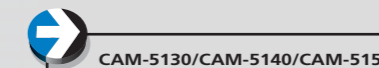
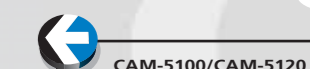
MPEG-4 IP Surveillance
2006 Solution Guide

IP Camera

CAM-5100/CAM-5120

MPEG-4 Real-time Network Streaming IP Camera with Day & Night Option

- ◆ 1/3" SONY Super HAD / Exview HAD with 470K/410K pixels
- ◆ Backlight Compensation, Auto Iris Control, Auto White Balance supported
- ◆ Super Gain Control, IR cut-filter switching mechanism (CAM-5120)
- ◆ Day and night function (CAM-5120)
- ◆ MPEG-4 ASP compliant compression
- ◆ CIF up to Full D1 resolution at 30/25 FPS
- ◆ Dual MPEG-4 video stream output via LAN and WAN (PPPoE supported) ports at the same time
- ◆ QoS enabled (L3) video streaming



CAM-5130/CAM-5140/CAM-5150

CAM-5130/CAM-5140/CAM-5150

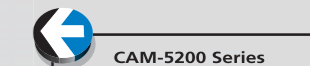
MPEG-4 Real-time Network Streaming Day and Night 230X IP Zoom Camera

- ◆ 1/4" SONY Super HAD / Exview HAD CCD with 470K/410K pixels
- ◆ Built-in auto focus / auto iris / 23X optical zoom lens with 10X digital zoom
- ◆ 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)
- ◆ Auto zooming while motion detect event triggered
- ◆ MPEG-4 ASP compliant compression
- ◆ CIF up to Full D1 resolution at 30/25 FPS
- ◆ Dual MPEG-4 video stream output via LAN and WAN (PPPoE supported) ports at the same time
- ◆ QoS enabled (L3) video streaming
- ◆ IP66 water proof

CAM-5200 Series

MPEG-4 Real-time Network Streaming IP Camera with Audio and Day & Night Option

- ◆ 1/3" SONY Super HAD / Exview HAD with 470K/410K pixels
- ◆ Backlight Compensation, Auto Iris Control, Auto White Balance supported
- ◆ Super Gain Control, IR cut-filter switching mechanism (CAM-5220)
- ◆ Day and night function (CAM-5220)
- ◆ MPEG-4 ASP compliant compression
- ◆ CIF up to Full D1 resolution at 30/25 FPS
- ◆ Dual MPEG-4 video stream output via LAN and WAN (PPPoE supported) ports at the same time
- ◆ QoS enabled (L3) video streaming
- ◆ One-way audio supported
- ◆ Power Over Ethernet (IEEE 802.3af) supported (CAM-5201/CAM-5221) or AC 24 V power source supported (CAM-5202/CAM-5222)



CAM-5500 Series

CAM-5500 Series

MPEG-4 Real-time Network Streaming 100X IP Zoom Camera

- ◆ 1/4" SONY Super HAD with 470K/410K pixels
- ◆ Built-in auto focus/auto iris/10X optical zoom lens with 10X digital zoom
- ◆ Min. 0.1 Lux at F=1.8 (30 IRE, SAGC ON)
- ◆ Backlight Compensation, Motion Detection, Masking and Auto White Balance supported
- ◆ Digital P/T/Z function
- ◆ Pictures freeze function by field or frame mode
- ◆ Auto zooming while motion detect event triggered
- ◆ MPEG-4 ASP compliant compression
- ◆ CIF up to Full D1 resolution at 30/25 FPS
- ◆ Dual MPEG-4 video stream output via LAN and WAN (PPPoE supported) ports at the same time
- ◆ QoS enabled (L3) video streaming
- ◆ Bi-directional audio supported



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 OEM/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, NVR 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
- ◆ CIF up to Full D1 resolution at 30/25 FPS
- ◆ Dual MPEG-4 video stream output via LAN and WAN (PPPoE supported) ports at the same time
- ◆ QoS enabled (L3) video streaming
- ◆ Digital time code embedded
- ◆ Motion detection
- ◆ Isolated digital input and output supported (for SED-2120 only)
- ◆ Extended temperature supported (for SED-2120T only)

SED-2130/SED-2140

Wall Mount Type MPEG-4 Video Server with Two Way Audio Option

- ◆ MPEG-4 ASP compliant compression
- ◆ CIF up to Full D1 resolution at 30/25 FPS
- ◆ Dual MPEG-4 video stream output via LAN and WAN (PPPoE supported) ports at the same time
- ◆ QoS enabled (L3) video streaming
- ◆ Digital time code embedded
- ◆ Motion detection
- ◆ Bi-directional audio supported (for SED-2140 only)
- ◆ Isolated digital input and output supported
- ◆ Extended temperature supported (for SED-2140T only)



SED-2400 Series

Wall Mount Type Video Server with Two-channel And Two Way Audio Option

- ◆ MPEG-4 ASP compliant compression
- ◆ CIF up to Full D1 resolution at 30/25 FPS
- ◆ Dual MPEG-4 video stream output via LAN and WAN (PPPoE supported) ports at the same time
- ◆ QoS enabled (L3) video streaming
- ◆ Digital time code embedded
- ◆ Motion detection
- ◆ Bi-directional audio supported (SED-2400, SED-2420)
- ◆ Isolated digital input and output supported
- ◆ 1-channel model (SED-2400); 2-channel model (SED-2410, SED-2420)



SED-2300Q

4-channel MPEG-4 Quad Processor Integrated Video Server

- ◆ MPEG-4 ASP compliant compression
- ◆ CIF up to Full D1 resolution at 30/25 FPS
- ◆ Dual MPEG-4 video stream output via LAN and WAN (PPPoE supported) ports at the same time
- ◆ QoS enabled (L3) video streaming
- ◆ Real-time quad video
- ◆ Monitor output displays full-screen or quad image
- ◆ Digital time code embedded
- ◆ Motion detection
- ◆ Up to 4 analog video inputs blended into one digital MPEG-4 output stream



Video Transcoder

SED-3200

QoS-enabled Real-time MPEG-4 Video Transcoder

- ◆ Up to full D1 MPEG-4 video decoding at 30/25 FPS
- ◆ QoS enabled (L3) video streaming
- ◆ Dual MPEG-4 video stream input via LAN or WAN (PPPoE supported) ports at the same time
- ◆ Digital time code retrieved
- ◆ Supports both regular TV system and built-in component interface for PDP or LCD panel



SED-3300 Series

QoS-enabled Real-time MPEG-4 Video Transcoder with Two Way Audio Option

- ◆ Up to full D1 MPEG-4 video decoding at 30/25 FPS
- ◆ QoS enabled (L3) video streaming
- ◆ Connect/auto switching more than one video server is controllable
- ◆ Dual MPEG-4 video stream input via LAN or WAN (PPPoE supported) ports at the same time
- ◆ Digital time code retrieved
- ◆ Bi-directional audio supported (for SED-3310 only)

IP Receiver

SED-2200

MPEG-4 Full D1 IP Receiver

- ◆ MPEG-4 ASP compliant compression
- ◆ CIF up to Full D1 resolution at 30/25 FPS
- ◆ Dual MPEG-4 video stream output via LAN and WAN (PPPoE supported) ports at the same time
- ◆ QoS enabled (L3) video streaming
- ◆ Digital time code embedded
- ◆ Motion detection
- ◆ Zoom lens camera control
- ◆ Pelco-P command supported
- ◆ IP66 water proof
- ◆ Optical isolated alarm input, Form A type relay output



SED-2310Q/SED-2320Q

4-channel MPEG-4 Quad Processor Integrated Video Server with Two Way Audio and Extended Temperature

- ◆ MPEG-4 ASP compliant compression
- ◆ CIF up to Full D1 resolution at 30/25 FPS
- ◆ Dual MPEG-4 video stream output via LAN and WAN (PPPoE supported) ports at the same time
- ◆ QoS enabled (L3) video streaming
- ◆ Real-time quad video
- ◆ Monitor output displays full-screen or quad image
- ◆ Digital time code embedded
- ◆ Motion detection
- ◆ Bi-directional audio supported (for SED-2320Q only)
- ◆ Isolated digital input and output supported
- ◆ Up to 4 analog video inputs blended into one digital MPEG-4 output stream
- ◆ Extended temperature supported (for SED-2310QT and SED-2320QT only)

SED-2500/SED-2510

Wall Mount Type High Bit Rate Video Server with Two Way Audio Option

- ◆ MPEG-4 ASP compliant compression
- ◆ CIF up to Full D1 resolution at 30/25 FPS
- ◆ Dual MPEG-4 video stream output via LAN and WAN (PPPoE supported) ports at the same time
- ◆ QoS enabled (L3) video streaming
- ◆ Digital time code embedded
- ◆ Isolated digital input and output supported
- ◆ Bi-directional audio supported (for SED-2510 only)

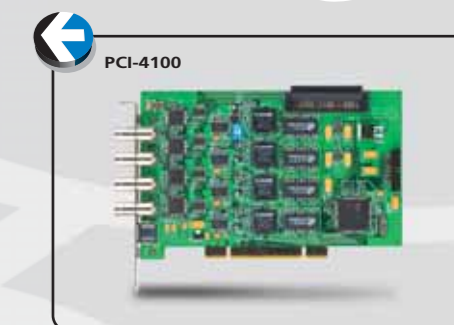


Network DVR Platform

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
- ◆ CIF up to full D1 resolution at 30/25 FPS per channel
- ◆ Digital time code embedded
- ◆ Windows WDM Driver (DirectShow Filter Supported)
- ◆ Video signal loss detection



PCI-5100/5200

4-channel MPEG-4 Video Decoder Card

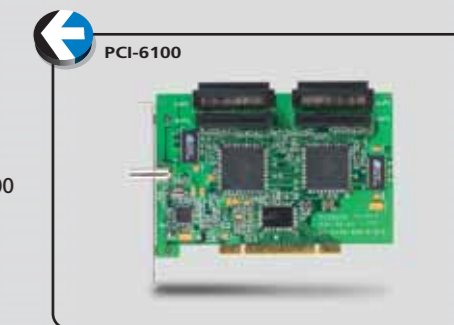
- ◆ MPEG-4 hardware decompression supported
- ◆ CIF up to Full D1 resolution at 30/25 FPS
- ◆ 4 composite video outputs
- ◆ Bi-directional audio supported (PCI-5200)



PCI-6100

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

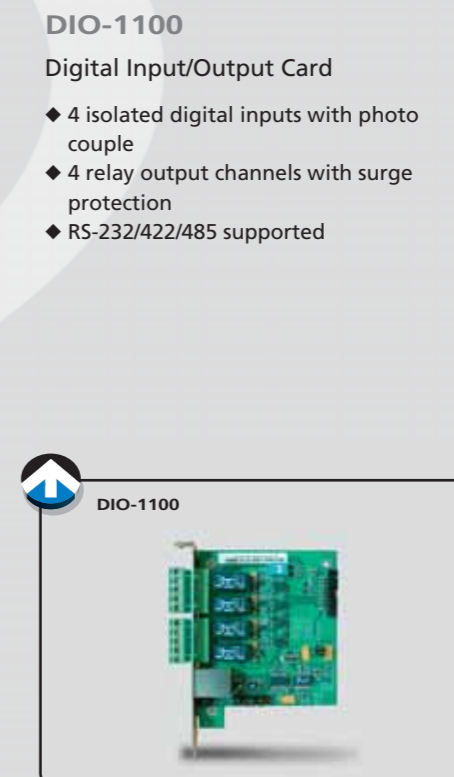
- ◆ 16 live video channels previewing at the same time
- ◆ Hardware motion detection
- ◆ Video loss detection
- ◆ Blind camera detection
- ◆ VGA and TV output supported
- ◆ Must be installed with PCI-4100 or PCI-5100



DIO-1100

Digital Input/Output Card

- ◆ 4 isolated digital inputs with photo couple
- ◆ 4 relay output channels with surge protection
- ◆ RS-232/422/485 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 Full D1 resolution at 30/25 FPS
- ◆ Digital time code embedded
- ◆ Windows WDM driver (DirectShow Filter supported)
- ◆ Video signal loss detection
- ◆ Hardware motion detection
- ◆ Blind camera detection

