

	CAM613M (PoE,W)	CAM616M (PoE)	CAM619M (PoE)	CAM619MIR (PoE)	CAM620A (PoE)	CAM620B (PoE)	CAM624M (PoE)
Product Picture							
Main Features	H.264, 2Mega-Pixel CMOS, 2-Way Audio, SD Card	H.264, 2Mega-Pixel CMOS, 2-Way Audio	H.264, 2Mega-Pixel CMOS, Vandal-dome Camera, Vari-Focal lens, 2-Way Audio, SD Card	H.264, 2Mega-Pixel CMOS, IR-12M, Vandal-dome, Vari-Focal Lens, 2-Way Audio, SD Card	H.264 12X PTZ CCD Camera, Day/Night, 2-Way Audio, SD Card	H.264 12X PTZ CCD Camera, Day/Night, 2-Way Audio, SD Card	H.264, 2Mega-Pixel CMOS IR-30M, Vari-Focal Lens 2-Way Audio
Built-in PoE-Splitter	YES (CAM613M-PoE)	YES (CAM616M-PoE)	YES (CAM619M-PoE)	YES (CAM619MIR-PoE)	YES (CAM620A-PoE)	YES (CAM620B-PoE)	YES (CAM624M-PoE)
Wireless (802.11b/g)	YES (CAM613MW)	--	--	--	--	--	--
Recording Software	SOL4360 Free 36-Channel Software; 4/9/16/36/72 Channel Professional Software						
Triple Streaming	YES						
3G Mobile Phone Support	3GPP						
Indoor/Outdoor	Indoor	Indoor	Outdoor (IP66)	Outdoor (IP66)	Outdoor(IP66)	Outdoor(IP66)	Outdoor (IP66)
Video Compression	H.264 / MJPEG / MPEG-4 (for 3GPP)						
Max. Video Resolution	1600 x 1200	1600 x 1200	1600 x 1200	1600 x 1200	720 x 480 NTSC 720 x 576 PAL	720 x 480 NTSC 720 x 576 PAL	1600 x 1200
Frames Per Second	15FPS @ 1600 x 1200 30FPS @ 1280 x 720	15FPS @ 1600 x 1200 30FPS @ 1280 x 720	15FPS @ 1600 x 1200 30FPS @ 1280 x 720	15FPS @ 1600 x 1200 30FPS @ 1280 x 720	Up to 30 / NTSC Up to 25 / PAL	Up to 30 / NTSC Up to 25 / PAL	15FPS @ 1600 x 1200 30FPS @ 1280 x 720
CCD Resolution / TV Lines	--	--	--	--	420	420	--
Image Device	1/3" CMOS	1/4" CMOS	1/3" CMOS	1/3" CMOS	1/4" CCD	1/4" CCD	1/3" CMOS
Lens Type	Fixed Lens, Focal Length 6mm	Fixed Lens, Focal Length 4mm, F2.0	Vari-Focal Lens, 2.7~9mm	Vari-Focal Lens, 2.7~9mm	Auto focus zoom lens 3.8 ~ 45.6 mm, F1.6	Auto focus zoom lens 3.8 ~ 45.6 mm, F1.6	Vari-Focal Lens, 2.7~9mm
Lens Changeable	--	YES, CS Mount	--	--	--	--	--
Minimum Illumination	0.5 Lux	0.5 Lux	0.5 Lux	0 Lux when IR is ON	0.1 Lux	0.1 Lux	0 Lux when IR is ON
Day/ Night Feature	IR Cut Filter (Optional)	IR Cut Filter (Optional)	--	12 Meters IR LED	IR Cut Filter	IR Cut Filter	30 Meters IR LED
Audio Capability	2-Way (1 Mic. / 1 Out)	2-Way (1 Mic. / 1 Out)	2-Way (1 In / 1 Out)	2-Way (1 In / 1 Out)	2-Way (1 Mic. / 1 Out)	2-Way (1 Mic. / 1 Out)	2-Way (1 in. / 1 Out)
Digital Input / Output	1 In / 1 Relay Out	1 In / 1 Relay Out	1 In / 1 Relay Out	1 In / 1 Relay Out	1 In / 1 Out	1 In / 1 Out	1 In / 1 Relay Out
Analog Video Input / Output	1 Out	1 Out	1 Out	1 Out	1 Out	1 Out	1 Out
SD Card Recording	YES (Event Video Only)	--	YES (Event Video Only)	YES (Event Video Only)	YES (Event Video Only)	YES (Event Video Only)	YES (Event Video Only)

2-Year product warranty

2-Way audio for real-time interaction

Triple-stream (H.264/MJPEG/MPEG4)

Complete SDK package for integration

Free 36CH recording software



Professional Recording Software

3GPP mobile viewing support

SD card storage for Event Management



# H.264 Cameras

	CAM627 (PoE)	CAM636M (PoE)						
Product Picture								
Main Features	H.264, 2Mega-Pixel CMOS IR-80M, Vari-Focal Lens 2-Way Audio, SD Card	H.264, 2Mega-Pixel CMOS, 2-Way Audio						
Built-in PoE-Splitter	YES (CAM627-PoE)	YES (CAM636M-PoE)						
Wireless (802.11b/g)	--	--						
Recording Software	SOL4360 Free 36-Channel Software; 4/9/16/36/72 Channel Professional Software							
Triple Streaming	YES							
3G Mobile Phone Support	3GPP							
Indoor/Outdoor	Outdoor (IP66)	Indoor						
Video Compression	H.264 / MJPEG / MPEG-4 (for 3GPP)							
Max. Video Resolution	1600 x 1200	1600 x 1200						
Frames Per Second	15FPS @ 1600 x 1200 30FPS @ 1280 x 720	15FPS @ 1600 x 1200 30FPS @ 1280 x 720						
CCD Resolution / TV Lines	--	--	--					
Image Device	1/3" CMOS	1/3" CMOS						
Lens Type	Vari-Focal Lens, 10-40mm, F1.4-360	Vari-Focal Lens, 2.7-9mm						
Lens Changeable	Yes, CS Mount	--						
Minimum Illumination	0 Lux when IR is ON	0.5 Lux						
Day/ Night Feature	80 Meters IR LED	IR Cut Filter (Optional)						
Audio Capability	2-Way (1 Mic. / 1 Out)	2-Way (1 in. / 1 Out)						
Digital Input / Output	1 Relay Out	1 In / 1 Relay Out						
Analog Video Input / Output	1 Out	--						
SD Card Recording	YES (Event Video Only)	YES (Event Video Only)						

2-Year product warranty

2-Way audio for real-time interaction

Triple-stream (H.264/MJPEG/MPEG4)

Complete SDK package for integration

Free 36CH recording software









Professional Recording Software

3GPP mobile viewing support

SD card storage for Event Management



# H.264 PTZ Speed Dome Cameras

	CAM630	CAM630A (PoE)	CAM630B (PoE)	CAM633	CAM633A (PoE)	CAM633B (PoE)	CAM647	CAM647A (PoE)	CAM647B (PoE)
Product Picture									
Main Features	H.264, 30X PTZ 520 TV lines CCD, WDR, Day/Night, 2-Way Audio	H.264, 30X PTZ 520 TV lines CCD, WDR, Wall-mount, Day/Night, 2-Way Audio	H.264, 30X PTZ 520 TV lines CCD, WDR, Pendant-mount, Day/Night, 2-Way Audio	H.264, 23X PTZ 520 TV lines CCD, WDR, Day/Night, 2-Way Audio	H.264, 23X PTZ 520 TV lines CCD, WDR, Wall-mount, Day/Night, 2-Way Audio	H.264, 23X PTZ 520 TV lines CCD, WDR, Pendant-mount, Day/Night, 2-Way Audio	H.264, 37X PTZ 560 TV lines CCD, WDR, Day/Night, 2-Way Audio	H.264, 37X PTZ 560 TV lines CCD, WDR, Wall-mount, Day/Night, 2-Way Audio	H.264, 37X PTZ 560 TV lines CCD, WDR, Pendant-mount, Day/Night, 2-Way Audio
Built-in PoE-Splitter	--	YES (CAM630A-PoE)	YES (CAM630B-PoE)	--	YES (CAM633A-PoE)	YES (CAM633B-PoE)	--	YES (CAM647A-PoE)	YES (CAM647B-PoE)
Wireless (802.11b/g)	--	--	--	--	--	--	--	--	--
Recording Software	SOL4360 Free 36-Channel Software; 4/9/16/36/72 Channel Professional Software								
Triple Streaming	YES								
3G Mobile Phone Support	3GPP								
Indoor/Outdoor	Indoor (IP66)	Outdoor (IP66)	Outdoor (IP66)	Indoor (IP66)	Outdoor (IP66)	Outdoor (IP66)	Indoor (IP66)	Outdoor (IP66)	Outdoor (IP66)
Video Compression	H.264 / MJPEG / MPEG-4 (for 3GPP)								
Max. Video Resolution	720 x 480 NTSC 720 x 576 PAL	720 x 480 NTSC 720 x 576 PAL	720 x 480 NTSC 720 x 576 PAL	720 x 480 NTSC 720 x 576 PAL	720 x 480 NTSC 720 x 576 PAL	720 x 480 NTSC 720 x 576 PAL	720 x 480 NTSC 720 x 576 PAL	720 x 480 NTSC 720 x 576 PAL	720 x 480 NTSC 720 x 576 PAL
Frames Per Second	Up to 30 / NTSC Up to 25 / PAL	Up to 30 / NTSC Up to 25 / PAL	Up to 30 / NTSC Up to 25 / PAL	Up to 30 / NTSC Up to 25 / PAL	Up to 30 / NTSC Up to 25 / PAL	Up to 30 / NTSC Up to 25 / PAL	Up to 30 / NTSC Up to 25 / PAL	Up to 30 / NTSC Up to 25 / PAL	Up to 30 / NTSC Up to 25 / PAL
CCD Resolution / TV Lines	520	520	520	520	520	520	560	560	560
Image Device	1/4" Sony ExView CCD	1/4" Sony ExView CCD	1/4" Sony ExView CCD	1/4" Sony ExView CCD	1/4" Sony ExView CCD	1/4" Sony ExView CCD	1/4" Sony ExView CCD	1/4" Sony ExView CCD	1/4" Sony ExView CCD
Lens Type	30X Zoom Lens 3.3~99mm, F1.6~3.4	30X Zoom Lens 3.3~99mm, F1.6~3.4	30X Zoom Lens 3.3~99mm, F1.6~3.4	23X Zoom Lens 3.8~88.4mm, F1.6~3.0	23X Zoom Lens 3.8~88.4mm, F1.6~3.0	23X Zoom Lens 3.8~88.4mm, F1.6~3.0	37X Zoom Lens 3.5~129.5mm, F1.6~3.9	37X Zoom Lens 3.5~129.5mm, F1.6~3.9	37X Zoom Lens 3.5~129.5mm, F1.6~3.9
Lens Changeable	--	--	--	--	--	--	--	--	--
Minimum Illumination	Color: 0.6 Lux Mono: 0.1 Lux	Color: 0.6 Lux Mono: 0.1 Lux	Color: 0.6 Lux Mono: 0.1 Lux	Color: 0.6 Lux Mono: 0.1 Lux	Color: 0.6 Lux Mono: 0.1 Lux	Color: 0.6 Lux Mono: 0.1 Lux	Color: 1 Lux Mono: 0.1 Lux	Color: 1 Lux Mono: 0.1 Lux	Color: 1 Lux Mono: 0.1 Lux
Day/ Night Feature	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter
Audio Capability	2-Way (1 In / 1 Out)	2-Way (1 In / 1 Out)	2-Way (1 In / 1 Out)	2-Way (1 In / 1 Out)	2-Way (1 In / 1 Out)	2-Way (1 In / 1 Out)	2-Way (1 In / 1 Out)	2-Way (1 In / 1 Out)	2-Way (1 In / 1 Out)
Digital Input / Output	2 In / 2 Relay Out	2 In / 2 Relay Out	2 In / 2 Relay Out	2 In / 2 Relay Out	2 In / 2 Relay Out	2 In / 2 Relay Out	2 In / 2 Relay Out	2 In / 2 Relay Out	2 In / 2 Relay Out
Analog Video Input / Output	1 Out	1 Out	1 Out	1 Out	1 Out	1 Out	1 Out	1 Out	1 Out
SD Card Recording	--	--	--	--	--	--	--	--	--

2-Year product warranty

2-Way audio for real-time interaction

Triple-stream (H.264/MJPEG/MPEG4)

Complete SDK package for integration

Free 36CH recording software







Professional Recording Software

3GPP mobile viewing support

SD card storage for Event Management



# MPEG4 1.3Mega-Pixel Cameras

	CAM416 (PoE)	CAM419 (PoE)	CAM419IR (PoE)	CAM422M (PoE)	CAM428M-PoE	CAM431 (PoE, W)	CAM436 (PoE)	CAM441
Product Picture								
Main Features	Mega-Pixel CMOS, 2-Way Audio	Mega-Pixel CMOS, Vandal-dome Camera, Vari-Focal lens, 2-Way Audio, SD Card	Mega-Pixel CMOS, IR-12M Vandal-dome, Vari-Focal lens, 2-Way Audio, SD Card	Mega-Pixel CMOS, IR-10M, Vari-Focal lens 2-Way Audio, SD Card	Mega-Pixel CMOS, IR-20M Vari-Focal Lens	Mega-Pixel Sony Progressive CCD, Day/Night, 2-Way Audio	Mega-Pixel CMOS Fixed Dome Camera, Vari-Focal lens, SD Card	Mega-Pixel CMOS, 2-Way Audio
Built-in PoE-Splitter	YES (CAM416-PoE)	YES (CAM419-PoE)	YES (CAM419IR-PoE)	YES (CAM422M-PoE)	YES (CAM428M-PoE)	YES (CAM431-PoE)	YES (CAM436-PoE)	--
Wireless (802.11b/g)	--	--	--	--	--	YES (CAM431W)	--	--
Recording Software	SOL4360 Free 36-Channel Software; 4/9/16/36/72 Channel Professional Software							
Dual Streaming	YES							
3G Mobile Phone Support	3GPP							
Indoor/Outdoor	Indoor	Outdoor (IP66)	Outdoor (IP66)	Indoor	Outdoor (IP66)	Indoor	Indoor	Indoor
Video Compression	MPEG-4 / MJPEG							
Max. Video Resolution	1280 x 1024	1280 x 1024	1280 x 1024	1280 x 1024	1280 x 1024	1280 x 960	1280 x 1024	1280 x 1024
Frames Per Second	10FPS @ 1280x1024 30FPS @ 640x480	10FPS @ 1280x1024 30FPS @ 640x480	10FPS @ 1280x1024 30FPS @ 640x480	10FPS @ 1280x1024 30FPS @ 640x480	10FPS @ 1280x1024 30FPS @ 640x480	15FPS @ 1280x960 30FPS @ 640x480	10FPS @ 1280x1024 30FPS @ 640x480	10FPS @ 1280 x 1024 30FPS @ 640 x 480
CCD Resolution / TV Lines	--	--	--	--	--	520	--	--
Image Device	1/4" CMOS	1/4" CMOS	1/4" CMOS	1/4" CMOS	1/4" CMOS	1/3" Sony Progressive CCD	1/4" CMOS	1/4" CMOS
Lens Type	Fixed Lens, Focal Length 4mm, F2.0	Vari-Focal Lens, 4~9mm, F1.5	Vari-Focal Lens, 3.7~12mm, F1.6	Vari-Focal Lens, 2.8~10.5mm, F1.6	Vari-Focal Lens, 2.8~10.5mm, F1.6	Fixed Lens, Focal Length 8mm, F2.0	Vari-Focal Lens, 3.7~12mm, F1.6	Fixed Lens, Focal Length 4mm, F1.6
Lens Changeable	YES, CS Mount	--	--	--	--	YES, CS Mount	--	YES, CS Mount
Minimum Illumination	1.5 Lux	1.5 Lux	0 Lux when IR is ON	0 Lux when IR is ON	0 Lux when IR is ON	0.1 Lux	1.5 Lux	1.5 Lux
Day/ Night Feature	--	--	12 Meters IR LED	10 Meters IR LED	20 Meters IR LED	IR Cut Filter (Optional)	--	--
Audio Capability	2-Way (1 Mic. / 1 Out)	2-Way (1 In / 1 Out)	2-Way (1 In / 1 Out)	2-Way (1 Mic. / 1 Out)	--	2-Way (1 Mic. / 1 Out)	--	2-Way (1 Mic. / 1 Out)
Digital Input / Output	2 In / 2 Out	1 In / 1 Relay Out	1 In / 1 Relay Out	1 In / 1 Relay Out	--	2 In / 2 Out	--	--
Analog Video Input / Output	--	--	--	--	--	1 Out (for adjust lens )	--	--
SD Card Recording	--	YES (Event Video Only)	YES (Event Video Only)	YES (Event Video Only)	--	--	YES (Event Video Only)	--

2-Year product warranty

2-Way audio for real-time interaction

Dual-streaming (MPEG4/MJPEG)

Complete SDK package for integration

Free 36CH recording software

Professional Recording Software

3GPP mobile viewing support

SD card storage for Event Management



# MPEG4 IR Cameras

	CAM415 (PoE)	CAM424 (PoE)	CAM425 (PoE)	CAM426 (PoE)	CAM427 (PoE)	CAM428 (PoE)	CAM450
Product Picture							
Main Features	520 TV lines CCD, IR-12M, Vandal-dome Camera, 2-Way Audio Vari-Focal lens, SD Card	520 TV lines CCD, IR-30M, Vari-Focal lens, 2-Way Audio	520 TV lines CCD, IR-30M	520 TV lines CCD, IR-50M, 2-Way Audio	520 TV lines CCD, IR-80M, Vari-Focal lens, 2-Way Audio, SD Card	520 TV lines CCD, IR-20M, Vari-Focal lens	Pan/Tilt CCD Speed Dome, IR-10M, Ceiling mount
Built-in PoE-Splitter	YES (CAM415-PoE)	YES (CAM424-PoE)	YES (CAM425-PoE)	YES (CAM426-PoE)	YES (CAM427-PoE)	YES (CAM428-PoE)	--
Wireless (802.11b/g)	--	--	--	--	--	--	--
Recording Software	SOL4360 Free 36-Channel Software; 4/9/16/36/72 Channel Professional Software						
Dual Streaming	YES						
3G Mobile Phone Support	3GPP						
Indoor/Outdoor	Outdoor (IP66)	Outdoor (IP66)	Outdoor (IP66)	Outdoor (IP66)	Outdoor (IP66)	Outdoor (IP66)	Indoor
Video Compression	MPEG-4 / MJPEG						
Max. Video Resolution	720 x 480 NTSC 720 x 576 PAL	720 x 480 NTSC 720 x 576 PAL	720 x 480 NTSC 720 x 576 PAL	720 x 480 NTSC 720 x 576 PAL	720 x 480 NTSC 720 x 576 PAL	720 x 480 NTSC 720 x 576 PAL	720 x 480 NTSC 720 x 576 PAL
Frames Per Second	Up to 30 / NTSC Up to 25 / PAL	Up to 30 / NTSC Up to 25 / PAL	Up to 30 / NTSC Up to 25 / PAL	Up to 30 / NTSC Up to 25 / PAL	Up to 30 / NTSC Up to 25 / PAL	Up to 30 / NTSC Up to 25 / PAL	Up to 30 / NTSC Up to 25 / PAL
CCD Resolution / TV Lines	520	520	520	520	520	520	380
Image Device	1/3" Sony CCD	1/3" Sony CCD	1/3" Sony CCD	1/3" Sony CCD	1/3" CCD	1/3" CCD	1/3" Sony CCD
Lens Type	Vari-Focal Lens, 3.7-12mm, F1.6	Vari-Focal Lens, 3-9mm, F1.2	Board Lens, Focal Length 6mm, F1.8	Board Lens, Focal Length 16mm, F1.6	Vari-Focal Lens, 10-40mm, F1.4-360	Vari-Focal Lens, 3.7-12mm, F1.6	Fixed Lens, Focal Length 6mm, F2.0
Lens Changeable	--	--	YES (for OEM)	--	YES, CS Mount	--	--
Minimum Illumination	0 Lux when IR is ON	0 Lux when IR is ON	0 Lux when IR is ON	0 Lux when IR is ON	0 Lux when IR is ON	0 Lux when IR is ON	0 Lux when IR is ON
Day/ Night Feature	12 Meters IR LED	30 Meters IR LED	30Meters IR LED	50 Meters IR LED	80 Meters IR LED	20 Meters IR LED	10 Meters IR LED
Audio Capability	2-Way (1 In / 1 Out)	2-Way (1 In / 1 Out)	--	2-Way (1 In / 1 Out)	2-Way (1 Mic. / 1 Out)	--	--
Digital Input / Output	1 In / 1 Relay Out	2 In / 2 Out	--	2 In / 2 Out	2 In / 2 Out	--	--
Analog Video Input / Output	1 Out	1 Out	--	1 Out	1 Out	1 Out	--
SD Card Recording	YES (Event Video Only)	--	--	--	YES (Event Video Only)	--	--

2-Year product warranty

2-Way audio for real-time interaction

Dual-streaming (MPEG4/MJPEG)

Complete SDK package for integration

Free 36CH recording software




Professional Recording Software

3GPP mobile viewing support

SD card storage for Event Management



# MPEG4 Cameras

	CAM413 (PoE,W)	CAM417 (PoE)	CAM418 (PoE)	CAM435 (PoE)	CAM437 (PoE)	CAM440
Product Picture						
Main Features	520 TV lines CCD, 2-Way Audio, SD Card	CCD Camera, 2-Way Audio	VGA CMOS, 2-Way Audio	VGA CMOS Fixed Dome, SD Card	520 TV lines CCD, Vari-Focal lens, Day/Night, SD Card	VGA CMOS, 2-Way Audio
Built-in PoE-Splitter	YES (CAM413-PoE)	YES (CAM417-PoE)	YES (CAM418-PoE)	YES (CAM435-PoE)	YES (CAM437-PoE)	--
Wireless (802.11b/g)	YES (CAM413W)	--	--	--	--	--
Recording Software	SOL4360 Free 36-Channel Software; 4/9/16/36/72 Channel Professional Software					
Dual Streaming	YES					
3G Mobile Phone Support	3GPP					
Indoor/Outdoor	Indoor	Indoor	Indoor	Indoor	Indoor	Indoor
Video Compression	MPEG-4 / MJPEG					
Max. Video Resolution	720 x 480 NTSC 720 x 576 PAL	720 x 480 NTSC 720 x 576 PAL	640 x 480	640 x 480	720 x 480 NTSC 720 x 576 PAL	640 x 480
Frames Per Second	Up to 30 / NTSC Up to 25 / PAL	Up to 30 / NTSC Up to 25 / PAL	30FPS @ 640x480	30FPS @ 640x480	Up to 30 / NTSC Up to 25 / PAL	30FPS @ 640 x 480
CCD Resolution / TV Lines	520	420	--	--	520	--
Image Device	1/3" Sony CCD	1/3" Sony CCD	1/4" CMOS	1/4" CMOS	1/3" Sony CCD	1/4" CMOS
Lens Type	Fixed Lens, Focal Length 6mm, F1.6	Fixed Lens, Focal Length 6mm, F1.6	Fixed Lens, Focal Length 4mm, F2.0	Board Lens, Focal Length 4mm, F2.0	Vari-Focal Lens, 3.7~12mm, F1.6	Fixed Lens, Focal Length 4mm, F1.6
Lens Changeable	YES, CS Mount	YES, CS Mount	YES, CS Mount	--	--	YES, CS Mount
Minimum Illumination	0.05 Lux	0.05 Lux	1.0 Lux	1.0 Lux	0.1 Lux	1 Lux
Day/ Night Feature	IR Cut Filter (Optional)	--	--	--	IR Cut Filter (Optional)	--
Audio Capability	2-Way (1 Mic. / 1 Out)	2-Way (1 Mic. / 1 Out)	2-Way (1 Mic. / 1 Out)	--	--	2-Way (1 Mic. / 1 Out)
Digital Input / Output	2 In / 2 Out	2 In / 2 Out	2 In / 2 Out	--	--	--
Analog Video Input / Output	1 Out	1 Out	--	--	--	--
SD Card Recording	YES (Event Video Only)	--	--	YES (Event Video Only)	YES (Event Video Only)	--

2-Year product warranty

2-Way audio for real-time interaction

Dual-streaming (MPEG4/MJPEG)

Complete SDK package for integration

Free 36CH recording software







Professional Recording Software

3GPP mobile viewing support

SD card storage for Event Management



# MPEG4 Fixed Dome Cameras

	CAM415 (PoE)	CAM419 (PoE)	CAM419IR (PoE)	CAM435 (PoE)	CAM436 (PoE)	CAM437 (PoE)
Product Picture						
Main Features	520 TV lines CCD, IR-12M, Vandal-dome Vari-Focal lens, 2-Way Audio, SD Card	Mega-Pixel CMOS, Vandal-dome Camera, Vari-Focal lens, 2-Way Audio, SD Card	Mega-Pixel CMOS, IR-12M Vandal-dome, Vari-Focal Lens, 2-Way Audio, SD Card	VGA CMOS, Fixed Dome Camera, SD Card	Mega-Pixel CMOS, Fixed Dome Camera, Vari-Focal lens, SD Card	520 TV lines CCD, Fixed Dome Camera, Vari-Focal lens, Day/Night, SD Card
Built-in PoE-Splitter	YES (CAM415-PoE)	YES (CAM419-PoE)	YES (CAM419IR-PoE)	YES (CAM435-PoE)	YES (CAM436-PoE)	YES (CAM437-PoE)
Wireless (802.11b/g)	--	--	--	--	--	--
Recording Software	SOL4360 Free 36-Channel Software; 4/9/16/36/72 Channel Professional Software					
Dual Streaming	YES					
3G Mobile Phone Support	3GPP					
Indoor/Outdoor	Outdoor (IP66)	Outdoor (IP66)	Outdoor (IP66)	Indoor	Indoor	Indoor
Video Compression	MPEG-4 / MJPEG					
Max. Video Resolution	720 x 480 NTSC 720 x 576 PAL	1280 x 1024	1280 x 1024	640 x 480	1280 x 1024	720 x 480 NTSC 720 x 576 PAL
Frames Per Second	Up to 30 / NTSC Up to 25 / PAL	10FPS @ 1280x1024 30FPS @ 640x480	10FPS @ 1280x1024 30FPS @ 640x480	30FPS @ 640x480	10FPS @ 1280x1024 30FPS @ 640x480	Up to 30 / NTSC Up to 25 / PAL
CCD Resolution / TV Lines	520	--	--	--	--	520
Image Device	1/3" Sony CCD	1/4" CMOS	1/4" CMOS	1/4" CMOS	1/4" CMOS	1/3" Sony CCD
Lens Type	Vari-Focal Lens, 3.7~12mm, F1.6	Vari-Focal Lens, 4~9mm, F1.5	Vari-Focal Lens, 3.7~12mm, F1.6	Board Lens, Focal Length 4mm, F2.0	Vari-Focal Lens, 3.7~12mm, F1.6	Vari-Focal Lens, 3.7~12mm, F1.6
Lens Changeable	--	--	--	--	--	--
Minimum Illumination	0 Lux when IR is ON	1.5 Lux	0 Lux when IR is ON	1.0 Lux	1.5 Lux	0.1 Lux
Day/ Night Feature	12 Meters IR LED	--	12 Meters IR LED	--	--	IR Cut Filter (Optional)
Audio Capability	2-Way (1 In / 1 Out)	2-Way (1 In / 1 Out)	2-Way (1 In / 1 Out)	--	--	--
Digital Input / Output	1 In /1 Relay Out	1 In / 1 Relay Out	1 In /1 Relay Out	--	--	--
Analog Video Input / Output	1 Out	--	--	--	--	--
SD Card Recording	YES (Event Video Only)	YES (Event Video Only)	YES (Event Video Only)	YES (Event Video Only)	YES (Event Video Only)	YES (Event Video Only)

2-Year product warranty

2-Way audio for real-time interaction

Dual-streaming (MPEG4/MJPEG)

Complete SDK package for integration

Free 36CH recording software

Professional Recording Software

3GPP mobile viewing support

SD card storage for Event Management



# MPEG4 PTZ Speed Dome Cameras

	CAM430	CAM430A (PoE)	CAM430B (PoE)	CAM433	CAM433A (PoE)	CAM433B (PoE)	CAM447	CAM447A (PoE)	CAM447B (PoE)
Product Picture									
Main Features	30X PTZ Speed Dome, 520 TV lines CCD, WDR, Day/Night, 2-Way Audio	30X PTZ Speed Dome, 520 TV lines CCD, WDR, Wall-mount, Day/Night, 2-Way Audio	30X PTZ Speed Dome, 520 TV lines CCD, WDR, Pendant-mount, Day/Night, 2-Way Audio	23X PTZ Speed Dome, 520 TV lines CCD, WDR, Day/Night, 2-Way Audio	23X PTZ Speed Dome, 520 TV lines CCD, WDR, Wall-mount, Day/Night, 2-Way Audio	23X PTZ Speed Dome, 520 TV lines CCD, WDR, Pendant-mount, Day/Night, 2-Way Audio	37X PTZ Speed Dome, 560 TV lines CCD, WDR, Day/Night, 2-Way Audio	37X PTZ Speed Dome, 560 TV lines CCD, WDR, Wall-mount, Day/Night, 2-Way Audio	37X PTZ Speed Dome, 560 TV lines CCD, WDR, Pendant-mount, Day/Night, 2-Way Audio
Built-in PoE-Splitter	--	YES (CAM430A-PoE)	YES (CAM430B-PoE)	--	YES (CAM433A-PoE)	YES (CAM433B-PoE)	--	YES (CAM447A-PoE)	YES (CAM447B-PoE)
Wireless (802.11b/g)	--	--	--	--	--	--	--	--	--
Recording Software	SOL4360 Free 36-Channel Software; 4/9/16/36/72 Channel Professional Software								
Dual Streaming	YES								
3G Mobile Phone Support	3GPP								
Indoor/Outdoor	Indoor (IP66)	Outdoor (IP66)	Outdoor (IP66)	Indoor (IP66)	Outdoor (IP66)	Outdoor (IP66)	Indoor (IP66)	Outdoor (IP66)	Outdoor (IP66)
Video Compression	MPEG-4 / MJPEG								
Max. Video Resolution	720 x 480 NTSC 720 x 576 PAL	720 x 480 NTSC 720 x 576 PAL	720 x 480 NTSC 720 x 576 PAL	720 x 480 NTSC 720 x 576 PAL	720 x 480 NTSC 720 x 576 PAL	720 x 480 NTSC 720 x 576 PAL	720 x 480 NTSC 720 x 576 PAL	720 x 480 NTSC 720 x 576 PAL	720 x 480 NTSC 720 x 576 PAL
Frames Per Second	Up to 30 / NTSC Up to 25 / PAL	Up to 30 / NTSC Up to 25 / PAL	Up to 30 / NTSC Up to 25 / PAL	Up to 30 / NTSC Up to 25 / PAL	Up to 30 / NTSC Up to 25 / PAL	Up to 30 / NTSC Up to 25 / PAL	Up to 30 / NTSC Up to 25 / PAL	Up to 30 / NTSC Up to 25 / PAL	Up to 30 / NTSC Up to 25 / PAL
CCD Resolution / TV Lines	520	520	520	520	520	520	560	560	560
Image Device	1/4" Sony ExView CCD	1/4" Sony ExView CCD	1/4" Sony ExView CCD	1/4" Sony ExView CCD	1/4" Sony ExView CCD	1/4" Sony ExView CCD	1/4" Sony ExView CCD	1/4" Sony ExView CCD	1/4" Sony ExView CCD
Lens Type	30X Zoom Lens 3.3~99mm, F1.6~3.4	30X Zoom Lens 3.3~99mm, F1.6~3.4	30X Zoom Lens 3.3~99mm, F1.6~3.4	23X Zoom Lens 3.84~88.4mm, F1.6~3.0	23X Zoom Lens 3.84~88.4mm, F1.6~3.0	23X Zoom Lens 3.84~88.4mm, F1.6~3.0	37X Zoom Lens 3.5~129.5mm, F1.6~3.9	37X Zoom Lens 3.5~129.5mm, F1.6~3.9	37X Zoom Lens 3.5~129.5mm, F1.6~3.9
Lens Changeable	--	--	--	--	--	--	--	--	--
Minimum Illumination	Color: 0.6 Lux Mono: 0.1 Lux	Color: 0.6 Lux Mono: 0.1 Lux	Color: 0.6 Lux Mono: 0.1 Lux	Color: 0.6 Lux Mono: 0.1 Lux	Color: 0.6 Lux Mono: 0.1 Lux	Color: 0.6 Lux Mono: 0.1 Lux	Color: 1 Lux Mono: 0.1 Lux	Color: 1 Lux Mono: 0.1 Lux	Color: 1 Lux Mono: 0.1 Lux
Day/ Night Feature	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter
Audio Capability	2-Way (1 In / 1 Out)	2-Way (1 In / 1 Out)	2-Way (1 In / 1 Out)	2-Way (1 In / 1 Out)	2-Way (1 In / 1 Out)	2-Way (1 In / 1 Out)	2-Way (1 In / 1 Out)	2-Way (1 In / 1 Out)	2-Way (1 In / 1 Out)
Digital Input / Output	2 In / 2 Relay Out	2 In / 2 Relay Out	2 In / 2 Relay Out	2 In / 2 Relay Out	2 In / 2 Relay Out	2 In / 2 Relay Out	2 In / 2 Relay Out	2 In / 2 Relay Out	2 In / 2 Relay Out
Analog Video Input / Output	1 Out	1 Out	1 Out	1 Out	1 Out	1 Out	1 Out	1 Out	1 Out
SD Card Recording	--	--	--	--	--	--	--	--	--

2-Year product warranty

2-Way audio for real-time interaction

Dual-streaming (MPEG4/MJPEG)

Complete SDK package for integration

Free 36CH recording software







Professional Recording Software

3GPP mobile viewing support

SD card storage for Event Management



# MPEG4 PT/PTZ Dome Cameras

	CAM420A (PoE)	CAM420B (PoE)	CAM450	CAM451	CAM451A (PoE)	CAM451B (PoE)
Product Picture						
Main Features	12X PTZ CCD Dome, Wall mount, Day/Night, 2-Way Audio, SD Card	12X PTZ CCD Dome, Pendant mount, Day/Night, 2-Way Audio, SD Card	Pan/Tilt Speed Dome, IR-10M, Ceiling-mount	Pan/Tilt Speed Dome, Ceiling-mount	Pan/Tilt Speed Dome, Wall-mount	Pan/Tilt Speed Dome, Pendant-mount
Built-in PoE-Splitter	YES (CAM420A-PoE)	YES (CAM420B-PoE)	--	--	YES (CAM451A-PoE)	YES (CAM451B-PoE)
Wireless (802.11b/g)	--	--	--	--	--	--
Recording Software	SOL4360 Free 36-Channel Software; 4/9/16/36/72 Channel Professional Software					
Dual Streaming	YES					
3G Mobile Phone Support	3GPP					
Indoor/Outdoor	Outdoor (IP66)	Outdoor (IP66)	Indoor	Indoor	Outdoor (IP66)	Outdoor (IP66)
Video Compression	MPEG-4 / MJPEG					
Max. Video Resolution	720 x 480 NTSC 720 x 576 PAL	720 x 480 NTSC 720 x 576 PAL	720 x 480 NTSC 720 x 576 PAL	720 x 480 NTSC 720 x 576 PAL	720 x 480 NTSC 720 x 576 PAL	720 x 480 NTSC 720 x 576 PAL
Frames Per Second	Up to 30 / NTSC Up to 25 / PAL	Up to 30 / NTSC Up to 25 / PAL	Up to 30 / NTSC Up to 25 / PAL	Up to 30 / NTSC Up to 25 / PAL	Up to 30 / NTSC Up to 25 / PAL	Up to 30 / NTSC Up to 25 / PAL
CCD Resolution / TV Lines	420	420	380	470	470	470
Image Device	1/4" CCD	1/4" CCD	1/3" Sony CCD	1/3" Sony CCD	1/3" Sony CCD	1/3" Sony CCD
Lens Type	Auto focus zoom lens 3.8~45.6mm, F1.6	Auto focus zoom lens 3.8~45.6mm, F1.6	Fixed Lens, Focal Length 6mm, F2.0	Fixed Lens, Focal Length 6mm, F2.0	Fixed Lens, Focal Length 6mm, F2.0	Fixed Lens, Focal Length 6mm, F2.0
Lens Changeable	--	--	--	--	--	--
Minimum Illumination	0.1 Lux	0.1 Lux	0 Lux when IR is ON	1 Lux	1 Lux	1 Lux
Day/ Night Feature	IR Cut Filter	IR Cut Filter	10 Meters IR LED	--	--	--
Audio Capability	2-Way (1 In / 1 Out)	2-Way (1 In / 1 Out)	--	--	--	--
Digital Input / Output	1 In / 1 Out	1 In / 1 Out	--	--	--	--
Analog Video Input / Output	1 Out	1 Out	--	--	--	--
SD Card Recording	YES (Event Video Only)	YES (Event Video Only)	--	--	--	--

2-Year product warranty

2-Way audio for real-time interaction

Dual-streaming (MPEG4/MJPEG)

Complete SDK package for integration

Free 36CH recording software

Professional Recording Software

3GPP mobile viewing support

SD card storage for Event Management