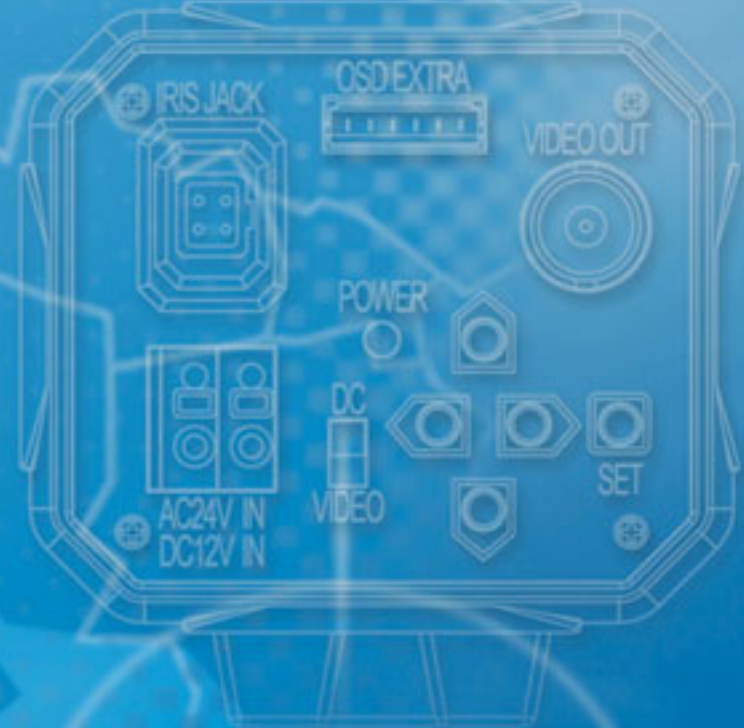


2008



Video[®]
CCTV *Security*



Videosec[®]

Professional CCTV Equipment

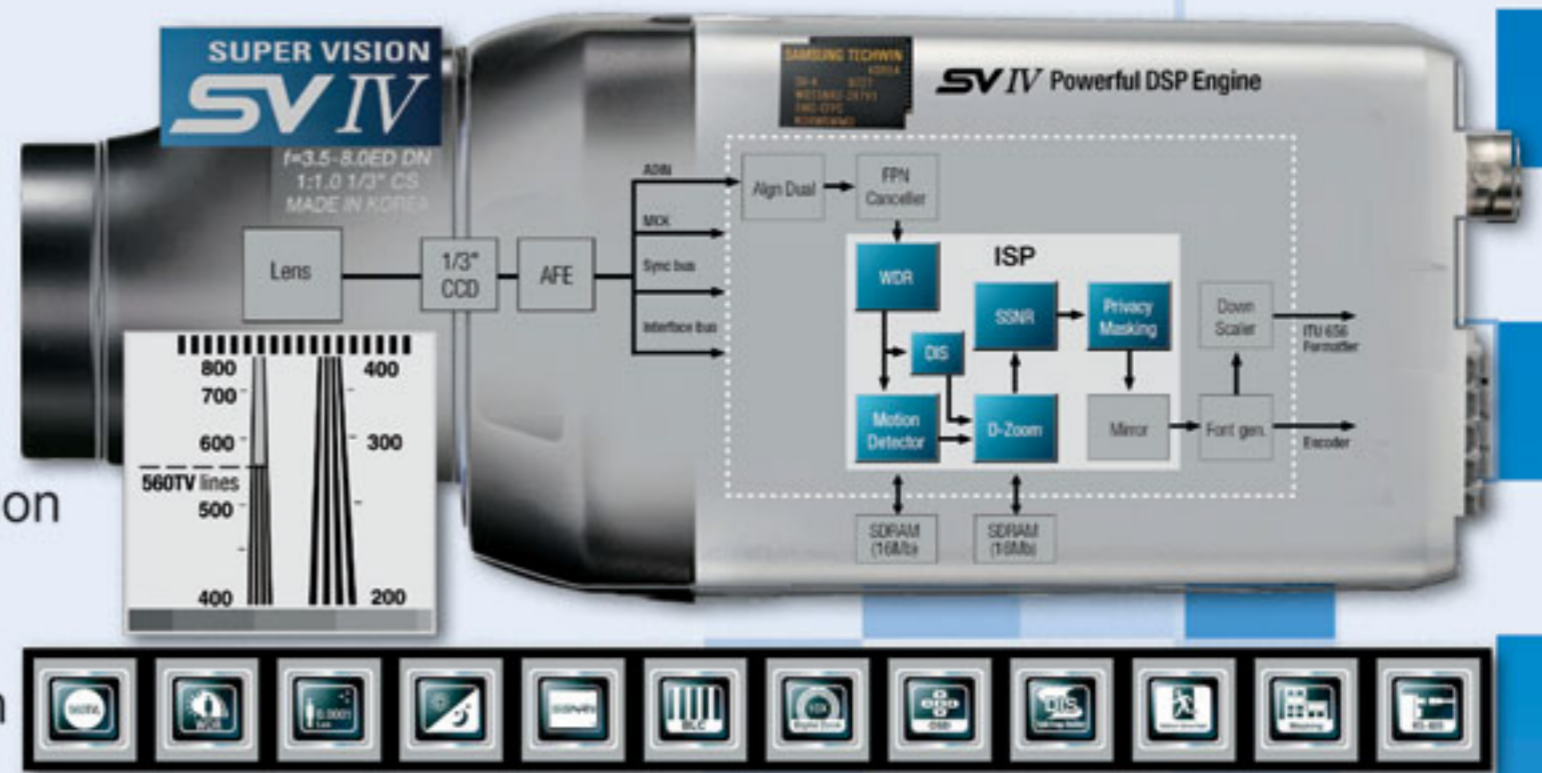


WWW.VIDEOSEC.COM

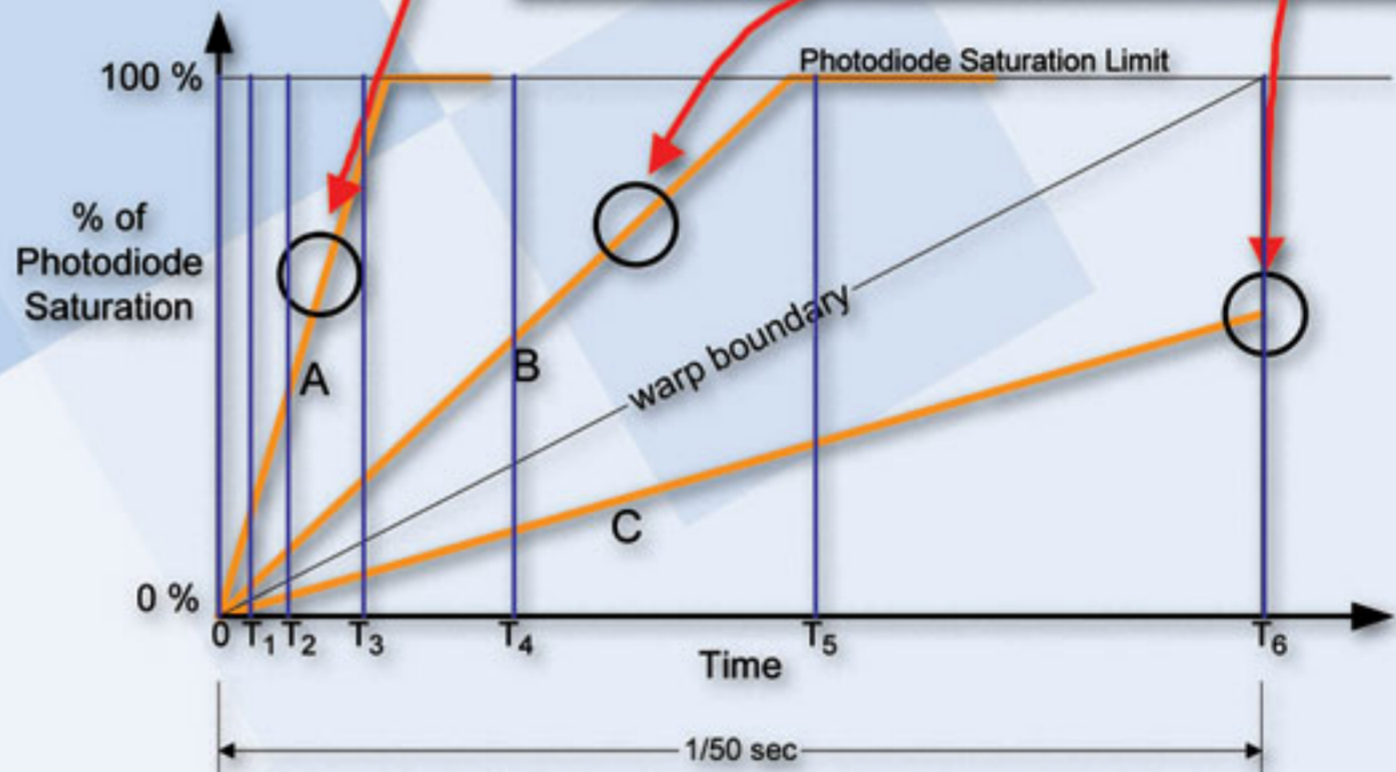
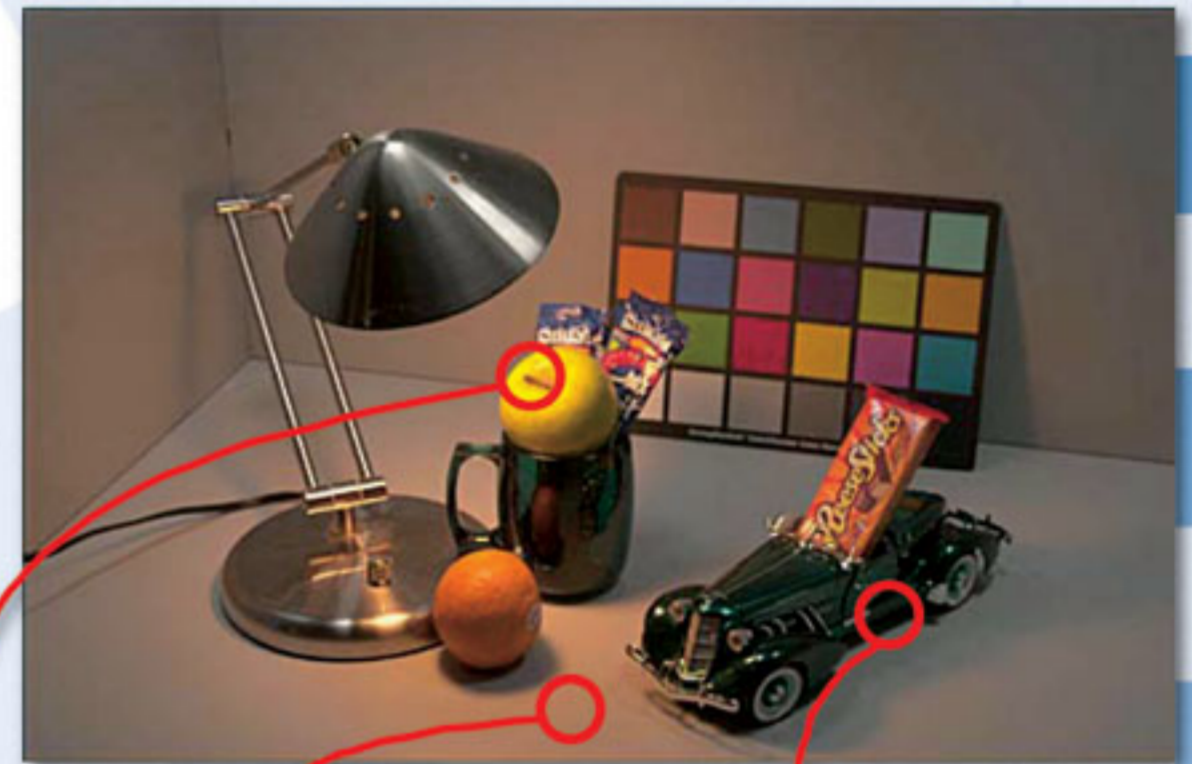
0 5 4 3 2 1

Features of the new **SV-4 SUPER VISION** camera chipset:

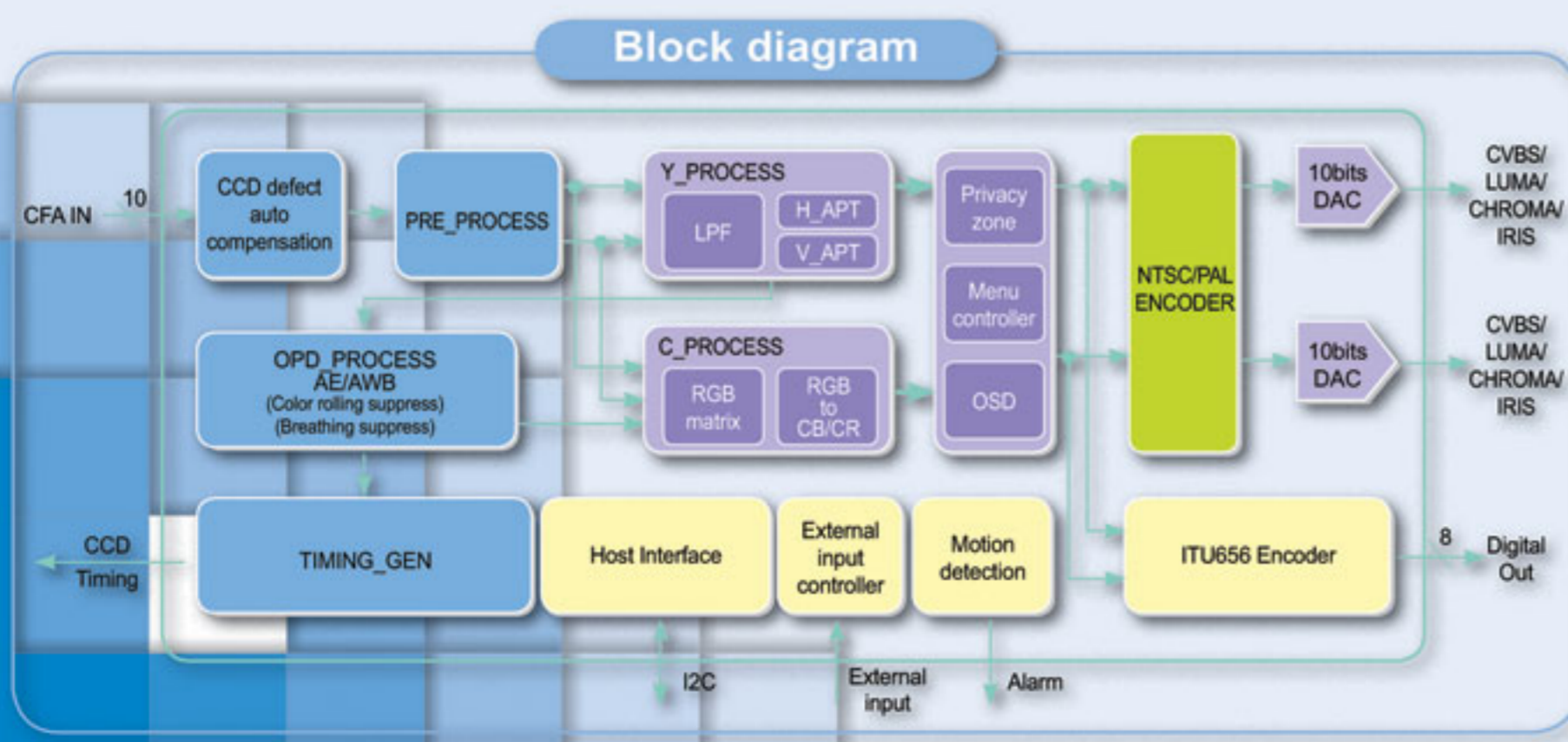
- Achieving the world's best 560TV lines color resolution
- Backlight compensation using a powerful pixel control WDR
- Built-in next generation DNR (SSNR II) that employs three-dimensional filtering methods
- Clear images 24 hours a day with the ICR Day & Night function
- Max. 256x Sens-up, at ultra-low light level of 0.0001Lux
- Supporting Multi-language OSD for user convenience
- DIS stabilises images by reducing flickering. 10X digital zoom
- Unrestricted area setting: BLC, MD
- Privacy masking for up to 8 areas
- OSD remote control via RS-485



Pixim's DPS technology uses a technique known as "multi-sampling" to gather the information to achieve unmatched image quality and high dynamic range. Each pixel is independently sampled non-destructively multiple times in a single capture frame (which in video is typically 50 or 60 times per second). The imaging system determines the optimal time to sample and store the pixel information before the pixel is saturated and can no longer hold additional charge. In the graphic on the right, the light pixel is saved at time T3, the latest sample time before it saturates at 100 percent. The dark pixel builds up charge more slowly and uses additional time until it is sampled and stored at T6. The stored values of information (intensity, time, noise offset) captured at each pixel are then processed in parallel and converted into high-quality images. In contrast, other technologies typically set one exposure time for the frame and sample each pixel at that time – resulting in images with some pixels that are underexposed (too dark) and some that are overexposed (too bright).





NextChip NVP2120 outputs CVBS or S-Video and ITU-R.656 Digital out after receiving CFA patterns from the color-interlaced CCD, which are processed through an internal encoder and DAC. Equipped with built-in AE/AWB algorithms, timing generation module and OSD, NVP2120 can be operated without MCU. NVP2120 shows higher resolutions output than 520 TV lines and includes enhanced BLC function and motion detection function in 64 areas.



- Programmable GAMMA processing
- H/V Aperture
- Video adjustment (brightness, contrast, saturation and hue)
- High quality color processing
- On Screen Display(OSD)
- Blemish compensation 32 points (Auto/Manual)
- Color rolling suppress
- Breathing suppress
- Supports horizontal resolution above 520 TVL
- Privacy mask (4 zone)
- Motion detection (64 area)

DNR (Digital Noise Reduction), Day & Night, OSD (On Screen Display), Sens-up, Ultra High Resolution CCD Color Cameras



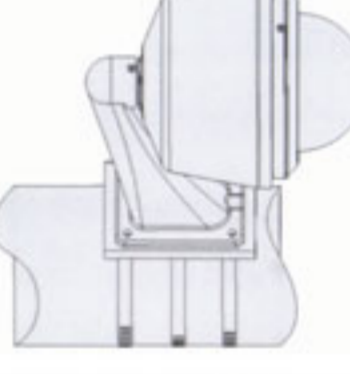





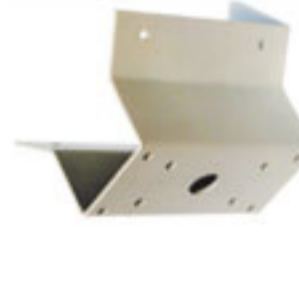

	AZD-910 ZOOM-Dome 3 Axis Camera	IRWZ-910 IR - ZOOM Camera	IRW-933 IR-Varifocal Camera	HCV-4030 VARIFOCAL Camera	WDR-SV4 WDR - BOX Camera	HCD-905D BOX Camera	HCD-905F BOX-Filter Ch. Camera	HCD-905 BOX Camera	AHDV-905 VARIFOCAL Camera	HDV-905 VARIFOCAL Camera	HBV-905 VARIFOCAL Camera
Image Sensor	1/4" SONY Super HAD-CCD	1/4" SONY Super HAD-CCD	1/3" SONY Super HAD-CCD	1/3" SONY Super HAD-CCD	1/3" SONY Super HAD-CCD	1/3" SONY Super HAD-CCD	1/3" SONY Super HAD-CCD	1/3" SONY Super HAD-CCD	1/3" SONY Super HAD-CCD	1/3" SONY Super HAD-CCD	1/3" SONY Super HAD-CCD
DSP Processor	SAMSUNG WINNER-III	SAMSUNG WINNER-III	SAMSUNG WINNER-III	SAMSUNG WINNER-III	SAMSUNG SV-4	SAMSUNG WINNER-III	SAMSUNG WINNER-III	SAMSUNG WINNER-III	SAMSUNG WINNER-III	SAMSUNG WINNER-III	SAMSUNG WINNER-III
Max. Resolution	Color - 520 TVL BW - 570 TVL	Color - 520 TVL BW - 570 TVL	Color - 540 TVL BW - 570 TVL	Color - 540 TVL BW - 570 TVL	Color - 560 TVL BW - 600 TVL	Color - 540 TVL BW - 570 TVL	Color - 540 TVL BW - 570 TVL	Color - 540 TVL BW - 570 TVL	Color - 540 TVL BW - 570 TVL	Color - 540 TVL BW - 570 TVL	Color - 540 TVL BW - 570 TVL
Infra Red (IR-LED) illuminator	0	IR-LED 33 pcs.~50m	IR-LED 33 pcs.~50m	0	0	0	0	0	0	0	0
Lens	10x optical zoom filter-changeable 3.8~38mm/F1.6 DC-Auto Iris	10x optical zoom filter-changeable 3.8~38mm/F1.6 DC-Auto Iris	Varifocal filter-changeable 2.9~10mm/F1.2 DC-Auto Iris	Varifocal 3~9.5mm/F1.0 DC-Auto Iris	CS mount Not Included	CS mount Not Included	CS mount Not Included	CS mount Not Included	Varifocal 2.9~10mm/F1.2 DC-Auto Iris	Varifocal 2.9~10mm/F1.2 DC-Auto Iris	Varifocal 2.9~10mm/F1.2 DC-Auto Iris
Min illumination (Sensitivity)	Color - 0.7Lux B/W - 0.02Lux Sens-up - 0.005	Color - 0.7Lux B/W - 0.02Lux IR LED On - 0Lux	Color - 0.7Lux B/W - 0.1Lux IR LED On - 0Lux	Color - 0.3Lux B/W - 0.002Lux	Color - 0.3Lux B/W - 0.03Lux	Color - 0.3Lux B/W - 0.002Lux	Color - 0.3Lux B/W - 0.002Lux	Color - 0.3Lux B/W - 0.002Lux	Color - 0.3Lux B/W - 0.002Lux	Color - 0.3Lux B/W - 0.002Lux	Color - 0.3Lux B/W - 0.002Lux
Power Supply Max Consumption	DUAL-Power Auto-detect 24VAC/12VDC 260/440mA	DUAL-Power Auto-detect 24VAC/12VDC 460/800mA	DUAL-Power Auto-detect 24VAC/12VDC 460/800mA	DUAL-Power Auto-detect 24VAC/12VDC 100/200mA	DUAL-Power Auto-detect 24VAC/12VDC 320/490mA	DUAL-Power Auto-detect 24VAC/12VDC 100/200mA	12VDC 220mA	12VDC 150mA	12VDC 150mA	12VDC 150mA	12VDC 150mA
Safety Level (IP)	Weatherproof IP-66	Weatherproof IP-66	Weatherproof IP-66	Indoor	Indoor	Indoor	Indoor	Indoor	Weatherproof	Indoor	Indoor
Dimension	160(D)x125mm 1.070g	219x119mm 950g	219x119mm 900g	156x64x58mm 400g	101x70x60mm 250g	110x64x65mm 300g	117x64x65mm 350g	110x64x65mm 350g	142(D)x84mm 650g	140(D)x90mm 400g	42x42mm 80g
Other Features	Remote control by RS-485 Pelco-D	Remote control by RS-485 Pelco-D	Focus & Zoom adjust from outside	Powerful lens F1.0	Built-in Filter- changeable Mechanism	0	Built-in Filter- changeable Mechanism	Dual-power	Armour Antivandal Dome	Easy to install	Compact size
Special Mode	Privacy Masking Mirror, Cam ID Sens-up (x128) Digital Zoom 8x	Privacy Masking Mirror, Cam ID Sens-up (x128) Digital Zoom 8x	Privacy Masking Mirror, Cam ID Sens-up (x128) Motion Detect.	Privacy Masking Mirror, Cam ID Sens-up (x128) Motion Detect.	Built-in Focus Mechanism Sens-up x256 Wide Dynamic R.	Privacy Masking Mirror, Cam ID Sens-up (x128) Motion Detect.	Privacy Masking Mirror, Cam ID Sens-up (x128) Motion Detect.	Privacy Masking Mirror, Cam ID Sens-up (x128) Motion Detect.	Privacy Masking Mirror, Cam ID Sens-up (x128) Motion Detect.	Privacy Masking Mirror, Cam ID Sens-up (x128) Motion Detect.	Privacy Masking Mirror, Cam ID Sens-up (x128) Motion Detect.
Accessories (optional)											
Common Features	RMC-933 Controller for: OSD, Zoom & Focus Adjustable parameters: Manual / Auto Shutter, White Balance, BLC, AGC, DNR, Sharpness, Contrast, Sens-up (Auto2x~128), Color (on / auto), Mirror, Sync, Motion Detection, Privacy Masking (4 programmable zone) ...										

1/3" CCD Color Cameras










											
WDR-2520 WDR-BOX Camera	HCD-700 BOX Camera	IRW-736 IR-Variofocal Camera	IRW-920 IR-Variofocal Camera	IRW-348 Infrared Camera	IRD-324 IR-Dome Camera	IRW-220 Infrared Camera	IRW-235 Infrared Camera	IRD-212 IR-Dome Camera	IRWC-218 IR-Car Camera	PIR-200 COVERT Camera	
Image Sensor	1/3" PIXIM D2010 - CMOS	1/3" SONY Super HAD-CCD	1/3" SONY Super HAD-CCD	1/3" SONY CCD	1/3" SONY CCD	1/3" SHARP CCD	1/3" SHARP CCD	1/3" SHARP CCD	1/3" SHARP CCD	1/3" SHARP CCD	
DSP Processor	PIXIM D2520P	NEXTCHIP NVP2120	NEXTCHIP NVP2120	SONY SS-11RM	SONY SS-11RM	SHARP	SHARP	SHARP	SHARP	SHARP	
Max. Resolution	Color - 540 TVL Progressive Scan	Color - 520 TVL	Color - 520 TVL	Color - 420 TVL	Color - 420 TVL	Color - 400 TVL	Color - 400 TVL	Color - 400 TVL	Color - 400 TVL	Color - 400 TVL	
Infra Red (IR-LED) illuminator	0	0	IR-LED 36 pcs.	IR-LED 48 pcs.	IR-LED 24 pcs.	IR-LED 12 pcs.	IR-LED 35 pcs.	IR-LED 12 pcs.	IR-LED 18 pcs.	0	
Lens	CS mount Not Included	Varifocal 2.9~10mm/F1.2 DC-Auto Iris	Varifocal filter-changeable 2.9~10mm/F1.2 DC-Auto Iris	Board Lens 6mm/F1.8-53°	Board Lens 3.6mm/F2-92°	Board Lens 3.6mm/F2-92°	Board Lens 4mm/F2-76°	Board Lens 4mm/F2-76°	Board Lens 2.8mm/F2-133°	Pinhole Lens 3.7mm/F2-90°	
Min illumination (Sensitivity)	Color - 0.4Lux	Color - 0.3Lux	Color - 0.3Lux IR LED On - 0Lux	Color - 0.3Lux IR LED On - 0Lux	Color - 0.3Lux IR LED On - 0Lux	Color - 0.5Lux IR LED On - 0Lux	Color - 0.5Lux IR LED On - 0Lux	Color - 0.5Lux IR LED On - 0Lux	Color - 0.5Lux IR LED On - 0Lux	Color - 0.5Lux	
Power Supply Max Consumption	DUAL-Power 24VAC/12VDC 250/400mA	12VDC 130mA	12VDC 370mA	12VDC 560mA	12VDC 320mA	12VDC 230mA	12VDC 500mA	12VDC 230mA	12VDC 300mA	12VDC 120mA	
Safety Level (IP)	Indoor	Indoor	Weatherproof IP-66	Weatherproof IP-66	Indoor	Weatherproof IP-66	Weatherproof IP-66	Indoor	Weatherproof IP-66	Indoor	
Dimension	88x64x64mm 350g	130x60x55mm 350g	180x80mm 1150g	124x70x72mm 800g	83x83x122mm 620g	52(D)x66mm 300g	80(D)x128mm 580g	52(D)x66mm 300g	80x59x44mm 400g	120x70x50mm 180g	
Bracket	0	0	Cable Management Metal Bracket	Cable Management Metal Bracket	Plastic Bracket PB-115	Bracket MB60	Plastic Bracket PB-115	0	Metal U Bracket	Plastic Bracket	
Other Features	Privacy Masking Mirror, Cam ID Sens-up (x128) Wide Dynamic R.	Progr. GAMMA Mirror, Cam ID Progr. Color Contrast, Bright	Progr. GAMMA Mirror, Cam ID Progr. Color Contrast, Bright	Built-in Filter- changeable Mechanism	Cost effective Camera	Regulated Power of IR - LED	Cost effective Camera	Cost effective Camera	Wide Angle Car Rear View or Door Scope Camera	Hidden Camera in PIR sensor Housing	
Accessories (optional)			<p>PIXIM D2520P • Automatic White Balance • Backlight Compensation • AC line lock, internal or external sync • Automatic Gain Control • OSD menu • Activity / motion detection • Electronic Iris • Digital Pan / Tilt / Zoom • Configurable alarms • Auto-Iris control • Day / Night</p> <p>NEXTCHIP NVP2120 • Programmable GAMMA processing, • Video adjustment (brightness, contrast, saturation and hue), • Horizontal MIRROR • Privacy mask (4 zone), • Includes enhanced BLC function and motion detection function in 64 areas.</p>								

13VG308AS - Lens 3~8mm/F1.0

Hi Speed Dome Weatherproof Cameras & Accessories

	WSPD-35WDR Hi-Speed Dome PTZ 35x Zoom, WDR Camera 	WSPD-26SP Hi-Speed Dome PTZ 26x Zoom, Camera 	WSPD-10AF Hi-Speed Dome PTZ 10x Zoom, Camera 	RSC-485 3 Axis Joystick Keyboard RS-485, PTZ Camera Controller 	RS485-LAN 3 Axis Joystick Keyboard RS-485, PTZ Camera Controller 
Image Sensor	1/4" SONY Super HAD-CCD	1/4" SONY Super HAD-Ex View CCD	1/3" SONY Interline Transfer CCD	RS-485 connection	RS-485 connection
Camera Module	HITACHI - Progressive scan VK-S654E Wide Dynamic Range	SONY FCB-EX980SP	SAMSUNG SPD-1000	Support Multy Protocols PELCO-D, PELCO-P, ...	Support Multy Protocols PELCO-D, PELCO-P, ...
Max. Resolution	Color - 540 TVL B/W - 580 TVL	Color - 520 TVL B/W - 570 TVL	Color - 520 TVL B/W - 570 TVL	Baud Rate 1200, 2400, ... 19200, ...	Baud Rate 1200, 2400, ... 19200, ...
Mechanism	PAN speed 360°/sec TILT speed 90°/sec	PAN speed 360°/sec TILT speed 90°/sec	PAN speed 360°/sec TILT speed 90°/sec	with LCS display, Preset, Auto Scan, Auto Pan	with LCS display, Preset, Auto Scan, Auto Pan
Lens	35x optical +12x Digital Zoom filter-changeable 3.4~119mm/F1.4 Auto Focus - DC Auto Iris	26x optical +12x Digital Zoom filter-changeable 3.5~91mm/F1.4 Auto Focus - DC Auto Iris	10x optical +10x Digital Zoom filter-changeable 3.8~38mm/F1.6 Auto Focus - DC Auto Iris	Interface RJ-45 IP Address/Port/Protocol (Network model, only)	Interface RJ-45 IP Address/Port/Protocol (Network model, only)
Min illumination (Sensitivity)	Color - 0.5Lux B/W - 0.1Lux	Color - 1Lux B/W - 0.1Lux	Color - 0.7Lux B/W - 0.02Lux Sens-up - 0.007Lux	Power: 12VDC - 500mA	Power: 12VDC - 450mA
Power Supply Max Consumption	24VAC - max.2A while Heater and Fan ON	24VAC - max.2A while Heater and Fan ON	DUAL-Power, Auto-detect 24VAC/12VDC, 500/850mA	320 x 190 x 100mm 2.5Kg	300 x 200 x 100mm 1.2Kg
Safety Level (IP)	Weatherproof IP-67, -40°C to 60°C	Weatherproof IP-67, -40°C to 60°C	Weatherproof IP-66, -25°C to 45°C		
Dimension	240(D)x374x318(H)mm Brut Weight: 9 Kg	240(D)x374x318(H)mm Brut Weight: 9 Kg	168(D)x145mm Brut Weight: 3 Kg		
Control	by RS-485 controller or DVR Multiple Protocols: Pelco-D...	by RS-485 controller or DVR Multiple Protocols: Pelco-D...	by RS-485 controller or DVR Multiple Protocols: Pelco-D...		
Alarm (Input/Output)	by RS-485 Multiple Protocols: Pelco-D...	8 Alarm Inputs 1 Alarm Output	4 Alarm Inputs 1 Alarm Output	SDZ-270 27x Zoom Color Camera 	
Other Features	8 Privacy Zones, Mirror, Cam ID 128 Presets Positions, 5 Auto Scans, 8 Auto Tours 5 Pattern, Digital Flip- Freeze Ultra WDR, Image Stabilizer... Built-in Heater & Cooler	8 Privacy Zones, Mirror, Cam ID 128 Presets Positions, 5 Auto Scans, 8 Auto Tours 5 Pattern, Digital Flip Built-in Heater & Cooler	4 Privacy Zones, Mirror, Cam ID Sens-up (x128), Motion Detect. 127 Presets Positions, 4 Pattern, 8 Swing & 8 Groups Digital Flip	27x optical Zoom Lens 3.9~105 mm/F1.6 A. Focus -DC Auto Iris 12VDC-250mA	1/4" SONY Super HAD-Ex View CCD 480 TVL, 12VDC-250mA 120x70x60mm - 480g
Accessories (optional)	 IB-SPD Ceiling Bracket	 PB-SPD Pole Bracket	 OCB-SPD Corner Bracket	 DB-10AF Wall bracket	Way of Control: - By RS-485 PELCO-D, 2400bps - By analogue controller: Zoom, Focus, Menu, Com OSD (On Screen Display)

1/3" CCD Color Cameras

	CD-303 BOX Camera	HC-305 BOX Camera	WT-260 Bullet Camera	WT-250 Bullet Camera	WS-255 Car-Doorscope Camera	1/3" CCD Miniature Camera	1/3" CCD Weatherproof IP-67, Camera	1/3" CCD Dome Camera	1/3" CCD Armour Dome Camera
Image Sensor	1/3" SONY Interlaced-CCD	1/3" SONY Super HAD-CCD	1/3" SHARP CCD	1/3" SHARP CCD	1/3" SHARP CCD	Board Lens 3.6mm/F2.92°	Board Lens 3.6mm/F2.92°	Board Lens 3.6mm/F2.92°	Board Lens 3.6mm/F2.92°
DSP Processor	SONY SS-11RM	NEXTCHIP NVP2000A	SHARP	SHARP	SHARP	12VDC 120mA	12VDC 120mA	12VDC 120mA	12VDC 120mA
Max. Resolution	Color - 420 TVL	Color - 480 TVL	Color - 400 TVL	Color - 400 TVL	Color - 400 TVL	36x36x36mm 190g	36x36x40mm 230g	100(D)x58mm 180g	142(D)x84mm 650g
Lens	CS mount Not Included	CS mount Not Included	Board Lens 3.6mm/F2.92°	Board Lens 3.6mm/F2.92°	Board Lens 2.8mm/F2-133°	NEXTCHIP - 480TVL NVP-2000A	NEXTCHIP - 480TVL NVP-2000A	NEXTCHIP - 480TVL NVP-2000A	NEXTCHIP - 480TVL NVP-2000A
Min illumination (Sensitivity)	Color - 0.4Lux	Color - 0.3Lux	Color - 0.5Lux	Color - 0.5Lux	Color - 0.5Lux	NEXTCHIP - 420TVL NVP-2000A	NEXTCHIP - 420TVL NVP-2000A	NEXTCHIP - 420TVL NVP-2000A	NEXTCHIP - 420TVL NVP-2000A
Power Supply Max Consumption	12VDC 130mA	12VDC 120mA	12VDC 120mA	12VDC 120mA	12VDC 120mA	SHARP - 400TVL	SHARP - 400TVL	SHARP - 400TVL	SHARP - 400TVL
Safety Level (IP)	Indoor	Indoor	Weatherproof IP-66	Weatherproof IP-66	Weatherproof IP-66	B-201	B-201	D-200	AD-200
Dimension	88x64x64mm 350g	130x60x55mm 350g	180x80mm 1150g	124x70x72mm 800g	83x83x122mm 620g	W-201	W-201	D-200	AD-200
Accessories (optional)	 H12 - Heater 12VDC H24 - Heater 24VAC H230 - Heater	 H24 - Heater 24VAC H230 - Heater	 AH-375	 AH-375 + CB210 cable management	 AH-375 + ML350 cable management	 DB-100 Bracket for Dome Camera	 ADB-150 Bracket for Armour Dome Camera	 ADB-150 Bracket for Armour Dome Camera	 ADB-150 Bracket for Armour Dome Camera

- 13VG308AS - 1/3 AS-AI Lens 3~8mm/F1.0
- 13VG308ASIR - 1/3 AS-IR-AI Lens 3~8mm/F1.0
- LVC-3085DIR - 1/3 IR-AI Lens 3~8.5mm/F1.0