



Product Matrix

i5000 Series – Standalone Multi-Protocol Encoder and Decoder											
Model	Extended Temp (-34 to 74°C)	H.264	MPEG-4	MPEG-2	MJPEG	No. Video Ports	No. Data Ports	Video Analytics	Ethernet Network Interfaces	Audio	I/O (Contact & Sense)
i5110-E ^{1,3}		Y	Y	Y	Y	1	2	Opt.	1	1	2/1
i5110-D		Y	Y	Y	Y	1	2		1	1	2/1
i5110-ET ^{1,3}	Y	Y	Y	Y	Y	1	2	Opt.	1	1	2/1
i5110-ET-L ⁴	Y	Y		Y	Y	1	2		1	1	2/1
i5120-E	Y ²	Y	Y		Y	1	2		1	1	1/1
i5210-E		Y	Y		Y	2	2	Opt.	1	2	4/4
i5210-ET	(-40°C to 85°C)	Y	Y		Y	2	2	Opt.	1	2	4/4
i5410-E		Y	Y		Y	4	4	Opt.	2	4	8/8
5410X104 (PC104)	(-40°C to 85°C)	Y	Y		Y	4	4	Opt.	1	4	4/8
i5000 Series – Rack Mountable Systems											
i5810-E		Y	Y		Y	8	2	Opt	1	8	8/16
i5910-E			Y		Y	16	2	Opt	1	8	8/16
i5820-E		Y	Y	Y	Y	8	2	Opt	1	8	8/16
i5200 Series – Chassis System											
i5210-E-C		Y	Y		Y	2	2	Opt.	1	2	4/4
i5210-ET-C	(-40°C to 85°C)	Y	Y		Y	2	2	Opt.	1	2	4/4
5000-RM		18 Slots x 4U, Supports up to 36 channels via i5210-E or ET Cards									
i5000 Series - High Density Chassis System											
VSG 5000-E		Y	Y	Y	Y	8	8	Opt	1	8	1/1
VSG 5000-D		Y	Y	Y	Y	8	8		1	8	1/1
VSG 5000		13 Slots x 6U, Supports up to 104 channels with VSG 5000 Series Cards									
Notes:											
1. -D and -E denotes Decoder and Encoder respectively											
2. This model -20°C to 60°C											
3. Flash memory storage available on i5110-E and i5110-ET variants as a factory installed option. Complies with NEMA 4 temperature range											
4. i5110-ET-L ("Light") is available less on-board memory and analytics options.											






i5000 Series – Optional Video Analytics Packages					
Feature	OnBoard 30	OnBoard 60	OnBoard 90	OnBoard 200	OnBoard 1000
Object Classification	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Tripwire Event Detection		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Multi-line Tripwire Event Detection					<input checked="" type="checkbox"/>
“Enters” Event Detection		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
“Exits” Event Detection		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
“Appears” Event Detection				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
“Disappears” Event Detection				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
“Inside of” Event Detection	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
Loitering Event Detection			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
Leave Behind Event Detection					<input checked="" type="checkbox"/>
Take Away Event Detection					<input checked="" type="checkbox"/>
Gross Change Event Detection		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Object Size Filters				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Object Size Change Filters				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Saliency/Tide Filters					<input checked="" type="checkbox"/>
Multiview				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>








i4000 Series - MPEG-2 Standalone Encoders						
Model	Extended Temp (-34 to 74C)	No. Video Ports	No. Data Ports	Network Interfaces		I/O (Contact/Sense)
				10/100Base-T	Optical	
i4020	Y	1	2	2		1/1
i4021	Y	1	2	2	1	1/1
i4022	Y	1	2	2	2	1/1
i4110	Y	1	2	1		1/1
i4000 Series Electrical – Optical Converters						
i4222 Dual EOC	Y	NA	NA	2	2	NA

i1000 Series - MPEG-2 Standalone Encoder and Decoder						
Model	Extended Temp (-34 to 74C)	No. Video Ports	No. Data Ports	Ethernet Network Interfaces	Audio	I/O (Contact/Sense)
i1000-E ¹	Y	2	2	1		
i1000-D	Y	2	2	1		
i1410-E	Y	4 ²	2	1		4/4
i1000 Series VSG Chassis System						
Model	Extended Temp (-34 to 74C)	No. Video Ports	No. Data Ports	Ethernet Network Interfaces	Audio	I/O (Contact/Sense)
VSG 1000-E	Y	2	2	1		
VSG 1000-D	Y	2	2	1		
VSG Chassis	12 Slots, Supports any combination of VSG Cards					
VSG-Lite Chassis	3 Slots, Supports any combination of VSG Cards					
Notes:						
1. -D and -E denotes Decoder and Encoder respectively						
2. i1400-E supports 4 multiplexed (quad) and switched 1 of 4 video inputs						

Video Management and Viewing Solutions	
Program	Description
ClientVue-SV	Desktop video, supports viewing any single video at a time
ClientVue-MVT	Desktop video, supports viewing up to 16 x MPEG-2 video simultaneously, Touring, and PTZ
ClientVue-MVT-3	Desktop video, supports viewing up to 16 x MPEG-2, H.264, and/or MPEG-4 video simultaneously, Touring, and PTZ
TeleVue NMS	i-Volution MPEG-2 (Series 1000,4000, VSG 10000) Series Network Management System
iSnapShot	Server based JPEG Image Capture Application

H.264/MPEG-4 IP Camera Suite									
Model	Mega Pixels	Style	Int. / Ext.	Focal Length (mm)	Lens Mount	SD Slot	Compression And Streaming	I/O	
 (Lens optional)	Box IP Cameras								
	CM-2812-NF	SD ¹	Box	Int.	N/A	C/CS	Y	Dual Stream H.264	1/1
	CM-2852-MF-E	2	Box	Int.	N/A	C/CS	Y	Dual Stream .264	1/1
	Dome IP Cameras								
	CM-2732-F	SD ¹	Dome	Int.	3.5 - 9		Y	Dual Stream H.264	1/1
	CM-2752-MF-E	2	Dome	Int.	2.8 - 11	N/A	Y	Dual Stream MPEG-4	1/1
	CM-2614X	SD	Dome	Ext. IP66	3.8 – 88.4	N/A	Y	Dual Stream H.264	1/1
Notes: 1. SD (Standard Definition) 704x576 (PAL), 704x480 (NTSC)									

Analog Camera Suite								
Model	Outdoor Rating	Power ²	IR Range (Metres)	Day/Night (Lux)	Lens (mm)	TV Lines	CCD	
	PTZ Dome Camera							
	CM-PTZ2465NXW	IP66	AC/DC		0.01	312X Zoom	480	1/3" EXview Interline Transfer HAD
	CM-S2965NX	IP66	AC/DC		0.01	412X Zoom	530	1/3" EXview Interline Transfer HAD
	Dome Camera							
	CM-CSD258N		DC	9	0.0	3.6	380	1/3"
	CM-DBM-20VD		DC		0.1	4-9	600	1/3" Super HAD II
	CM-D1750N		DC		0.1	3.8	380	1/3" Super HAD
	CM-D1760N		DC		0.3	3.8	530	1/3" Super HAD
	Vandal Resistant Dome							
	CM-CVDN305	IP67	AC/DC		0.001	2.8-10	550	1/3" Super HAD
	CM-CVF325H	IP67	AC/DC		0.002	2.9-10	550	1/3" Interline Transfer HAD
	CM-V2265NVF ¹		AC/DC		0.0003	2.9-10	480	1/3' Double Scan
	CM-CV2815NVR ¹		AC/DC	15	0.0	3.9-9.5	550	1/3" Super HAD
	Bullet Camera							
	CM-BN258IR	IP67	DC	10	0.0	4.3	380	1/3" Super HAD
	CM-B1760N	IP65	DC	15	0.0	4.3	530	1/3" Super HAD
	CM-CV3815NVR	IP65	AC/DC	40	0.0	3.9-9.5	550	1/3" Super HAD
	Box Camera							
	CM-C1815NF		AC/DC		0.001	Optional	550	1/3"
Note: 1) Optional Heater 2) AC = 24VAC, DC = 12VDC								



iN 7000 Pro Hybrid DVR/NVR Series								
Model	No. Video In	Aggregate Recording Rate (fps)	Resolution (max)	Video Format	Backup Media ¹ DVD/USB	RAM (GB)	HD ² (TB)	Real Time View
iN 7016 Pro	16	480	720x480	H.264	Y	2	1.5	Y
iN 7032 Pro	32	960	720x480	H.264	Y	2	3.0	Y
iN 7048 Pro	48	1440	720x480	H.264	Y	4	3.0	Y
iN 7064 Pro	64	1920	720x480	H.264	Y	4	3.0	Y

Notes:
 1. DVDRW included, Blue Ray/DVD optional
 2. SATA HD upgradable to 6TB

Caveo PC Based DVR/NVR Series								
Model	No. Video In	Aggregate Recording Rate (fps)	Resolution (max)	Video Format ²	Backup Media DVD/USB	Digital I/O	Real Time View	Hybrid DVR Available
8120	8	120	720x480	MPEG-4	Y	Y ¹		Y
8240	8	240	720x480	MPEG-4	Y	Y ¹		Y
16120	16	120	720x480	MPEG-4	Y	Y ¹		Y
16240	16	240	720x480	MPEG-4	Y	Y ¹		Y
16480L	16	480	720x480	MPEG-4	Y	Y ¹	Y	
32120	32	120	720x480	MPEG-4	Y	Y ¹		Y
32240	32	240	720x480	MPEG-4	Y	Y ¹		Y
64240	64	240	720x480	MPEG-4	Y	Y ¹		Y

Notes:
 1. standard 8/4 with RS-485 PTZ support upgradeable to 16/8
 2. available with MJPEG and H.264 compression



Embedded DVR									
Model	No. Video In	No. Video Out	Aggregate Recording Rate (max. fps)	Resolution (max)	Video Format	Backup Media DVD/USB/ Network	Audio	D I/O In/Out	Internal Storage (GB)
SM-H104	4	3 ⁴	120	360x240	H.264	Y/Y/N	1/1	4/1	500 ⁵
SM-H108	8	3 ⁴	240	360x240	H.264	Y/Y/N	2/1	8/1	500 ⁵
SM-H116	16	3 ⁴	480	360x240	H.264	Y/Y/N	4/1	16/1	500 ⁵
SM-M5104DV	4	4	120	704x480	MPEG-4	Y/Y/Y	4	4/4	500 ²
SM-M5108DV	8	8	240	704x480	MPEG-4	Y/Y/Y	4	4/4	500 ²
SM-M5216DV	16	16	480	704x480	MPEG-4	Y/Y/Y	4	16/16	500 ³
SM-KR7704	4	4	60	720x240	JPEG2000	Y/Y/Y	4	16/1	250 ¹
SM-KR7708	8	8	120	720x240	JPEG2000	Y/Y/Y	4	16/1	500 ²
SM-KR7716	16	16	120	720x240	JPEG2000	Y/Y/Y	4	16/1	500 ²

Notes:

1. Upgradeable standard HDD
2. Upgradeable standard HDD to 1.5TB
3. Upgradeable standard HDD to 2.25TB
4. Main & Spot Analog + VGA
5. Upgradeable to 4TB via 2 x SATA bays

All-In-One (AIO) Series Embedded DVR									
Model	No. Video In	No. Video Out	Aggregate Recording Rate (max. fps)	Resolution (max)	Video Format	Backup Media DVD/USB/ Network	Audio	D I/O In/Out	Internal Storage (GB)
AIO-1504 ¹	4		120 CIF	704x480	MPEG-4	N/Y/Y	4/1	3/1	160 ²
AIO-1708 ¹	8		240 CIF	704x480	MPEG-4	N/Y/Y	4/1	7/1	250 ²

Notes:

1. AIO-1504 and AIO-1708 are equipped with 15" and 17" XGA LCD panels respectively
2. Upgradeable standard HDD