iCATCH
Made In Taiwan

HYBRID DVR

Full HD 1080

1080P Hybrid Surveillance System

ONVIF
AHD
960H
HD-SDI
HD-TVI

5IN1 HYBRID DVR

x6HDD support

RXH-1625AU-B | RMH-0828AU-B | RMH-1628AU-B

x3HDD support

RMH-0828AU-N | RMH-1628A-N

IA-MC5101
IA-MC5201A-UTW

IA-BL5101-T
IA-BL5201A-UTW

RMV-0413E-K | RMH-0428EU-K01A
RMH-0828EU-K01A | RMH-1628EU-K01A

P2P | CONNECTION SOLUTION

24-Hour monitoring by smart phones and tablets over the internet via QR Code

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Model		RMV-413E-K	RMH-828AU-N	RMH-1628AU-N	RMH-0428EU-K01A	RMH-0828EU-K01A	RMH-1628EU-K01A	RXH-1625AU-B
Camera Input		4CH AHD + TVI + IP	8CH AHD & TVI + IP	16CH AHD & TVI + IP	4CH AHD & TVI + IP	8CH AHD & TVI + IP	16CH AHD & TVI + IP	16CH AHD + TVI + SDI + IP
Video	Input	TVI: 1080P @ 30/25 fps, 720P @ 60/50 fps, 720P @ 30/25 fps AHD: 1080P @ 30/25 fps, 720P @ 60/50 fps, 720P @ 30/25 fps 960H / D1						**HD-SDI:** 1080P @ 30/25 fps, 720P @ 60/50 fps, 720P @ 30/25 fps **TVI:** 1080P @ 30/25 fps, 720P @ 60/50 fps, 720P @ 30/25 fps **AHD:** 1080P @ 30/25 fps, 720P @ 60/50 fps, 720P @ 30/25 fps 960H / D1
	Output	1 HDMI with Audio, 1 VGA (Max. 1920 X 1080), 1BNC						
Audio	Input	1 RCA	8 RCA		1 RCA			8 RCA
	Output	1 RCA	2 RCA		1 RCA			2 RCA
System	Operating System	Embedded Linux OS						
	SATA Devices	Max. x 1 SATA Devices (HDDx1)	Supports Max. x 4 SATA Devices (HDDx3+eSATAx1, HDDx2+DVDx1+eSATAx1)		Max. x 1 SATA Devices (HDDx1)			Supports Max. x 7 SATA Devices (HDDx6+eSATAx1, HDDx4+DVDx1+eSATAx1)
	Externel HDD	N/A	YES (eSATA)		N/A			YES (eSATA)
	Sensor In (NO, NC) Relay Out	N/A	Sensor-in x 8 Relay-out x 2	Sensor-in x 16 Relay-out x 2	N/A			Sensor-in x 16 Relay-out x 4
	Serial Interface	RS-485						RS-485 X 2
	USB	USB2.0 X 2	USB3.0 X 1, USB2.0 X 2		USB2.0 X 2		USB3.0 X 1, USB2.0 X 2	
	Dimension (mm)	280(w)x51(h)x203(d)	430(w)x55(h)x293(d)		280(w)x51(h)x203(d)			442(w)x92(h)x438(d)
	Power Rating	12V 2A, 24W	12V 5.83A, 70W		12V 2A, 24W	12V 3.33A, 40W	12V 5A, 60W	AC 110/220V 250W
Display	Split Screen	1,4, SEQ.	1, 4, 8, SEQ.	1, 4, 8, 16, SEQ.	1,4, SEQ.	1, 4, 8, SEQ.	1, 4, 9, 13, 16, SEQ.	1, 4, 8, 16, SEQ.
	Auto Channel Switching	Switching time : 1 ~ 99 sec						
	Mode	Zoom, Auto SEQ.						
Recording	Compression	H.264 High Profile						
	Main (Recording) Resolution	960 X 1080 (1080P CIF), 1280 x 720; 944 X 480, 352 X240 (NTSC) / 944 X576, 704 X 576,352 X 288 (PAL)	1920 X 1080, 1280 x 720; 944 X 480, 352 X240 (NTSC) / 944 X576, 704 X 576,352 X 288 (PAL)		1920 X 1080, 1280 x 720; 944 X 480. 704 x 480, 352 x 240 (NTSC) / 944 X576, 704 X 576,352 X 288 (PAL)			1920 X 1080, 1280 x 720; 944 X 480, 352 X240 (NTSC) / 944 X576, 704 X 576,352 X 288 (PAL)
	Sub (Network) Resolution	640 x 360 / 352 X 240, 176 X 120 (NTSC) / 352 x 288, 176 X 144 (PAL)						
	Picture Quality	10~100 levels for adjustment						
	Mode	Continuous, Event, Schedule						
	Record Rate	NTSC 1080P CIF 60fps; 720P 60fps	NTSC 1080P 120fps; 720P 240fps	NTSC 1080P 240fps; 720P 480fps	NTSC 1080P 60fps; 720P 120fps	NTSC 1080P 120fps; 720P 240fps	NTSC 1080P 240fps; 720P 480fps	NTSC 1080P 480fps; 720P 480fps
		PAL 1080P CIF 50fps; 720P 50fps	PAL 1080P 100fps; 720P 200fps	PAL 1080P 200fps; 720P 400fps	PAL 1080P 50fps; 720P 100fps	PAL 1080P 100fps; 720P 200fps	PAL 1080P 200fps; 720P 400fps	PAL 1080P 400fps; 720P 400fps
	Pre-Alarm	1 ~ 5 SEC	1 ~ 3 SEC		1 ~ 5 SEC			1 ~ 3 SEC
Playback	Post-Alarm	1 ~ 100 SEC						
	Search Mode	Date/time, Event						
	Zoom	Digital (x2 ~ x5)						
Network	Network Interface	10/100 Ethernet				10/100/1000 Ethernet		
	Protocol	TCP/IP, SMTP, HTTP, DHCP, PPPoE(ADSL), NTP, DDNS						
	Application	Windows 7 & 8, Mac OS X						
	Remote Software	SoCatch, IE Browser, iCMS Pro						
	Account	1 Admin + 10 Users						
	Mobile Device	Windows Phone 7.8, iPhone, iPad, Android						
Backup	Interface	USB or SATA						
	Audio Backup	YES						
	Backup Type	Network, ext. USB Flash Drive, SATA optical DVD..etc.						
Alarm	Motion Detection	Sensitivity : 100 levels for each channel Area : Programmable individually						
	Event Log	Up to the 10000 events (Sensor, Motion, video Loss, power on, remote login, logout, HDD error, HDD full)						
OSD & DVR Control	Multi-Language	Supported						
	Camera Title	Multi-Language						
	USB Mouse	YES						
	Remote Controller	Optional						
	System Upgrade	USB Flash Drive, iWatch DVR						
	Pan/Tilt/Zoom Control	Control From RS485 Interface (Pelco P, Pelco D, Samsung, LG, LiLin)						

*Specification is subject to change without prior notice

DVR

Model	IA-MC5101	IA-BL5101-T	IA-MC5201A-UTW	IA-BL5201A-UTW
Type	Dome	Bullet	Dome	Bullet
Image Sensor	1.3 Megapixel Progressive CMOS Sensor		½.8" SONY 2 Megapixel Progressive CMOS Sensor	
Image Resolution	1280(H) x 720(V)		1920(H) x 1080(V)	
Video Frame Rate	720P @ 30FPS / 720P @ 25FPS		1080P @ 30FPS / 1080P @ 25FPS	
Video Output	AHD/ Analog selectable			
Day/ Night Mode	True Day/ Night mode with mechanical IR filter			
IR LED Range	10M		15M	
Shutter	AUTO 1/30(25) 1/60(50) FLK 1/240(200) 1/480(400) 1/1000 1/2000 1/5000 1/10000 1/50000 X2 X4 X6 X8 X10 X15 X20 X25 X30			
Auto Gain Control	16 Levels			
SENS-UP	OFF, 2X, 4X, 6X, 8X, 10X, 15X, 20X, 25X, 30X			
Digital WDR	Yes			
Defog	Yes			
White Balance	AWB, ATW, AWC, Indoor, Outdoor, Manual			
Noise Reduction	2DNR, 3DNR			
Image Effect	Freeze, Mirror, Negative Image			
Motion Detection	OFF, ON (Support 4 areas)			
Privacy Mask	OFF, ON (Support 4 areas)			
Up to coaxial cable	-		Yes	
Language	English, Simplified Chinese		English, Traditional Chinese, Simplified Chinese, German, French, Italian, Spanish, Polish, Russian, Portuguese, Norwegian, Turkish	
Defect Pixel	Yes			
Lens	2.8mm / F2.0 fixed iris lens		3.6mm / F2.0 fixed iris lens	
Weather Proof	IP66			
Power Source	DC 12V, 1A			
Operating Temperature	-10°C ~ 50°C			
Storage Temperature	-20°C ~ 60°C			

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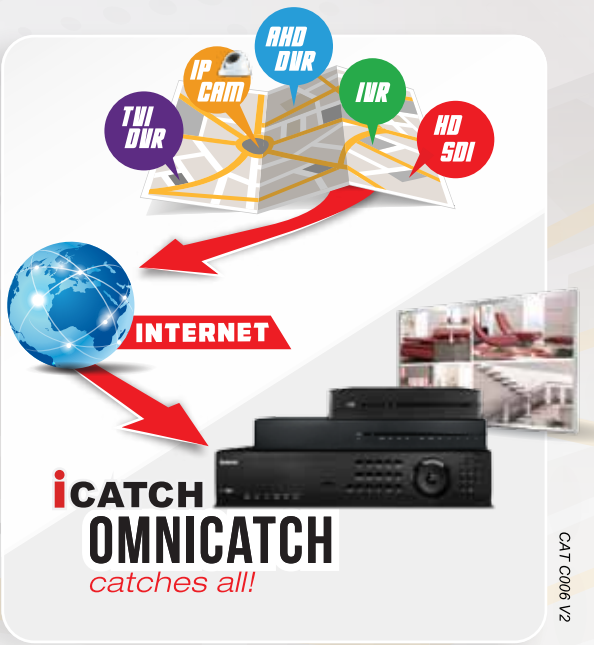
CAMERA



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