

iCanView212

Speed Dome IP Camera

Professional IR LED Speed Dome IP Camera (Indoor/Outdoor)

iCanView212 is innovative speed dome IP Camera for both indoor and outdoor environment. iCanView212 provides excellent picture quality, IR LED illumination. Both real and virtual keyboard controller (IP + Hybrid feature) are supported. Versatile zoom models (18x, 23x, 26x, 30x, 35x, 36x, 37X) and are available and several optional items are supported for vertical application and easy installation.

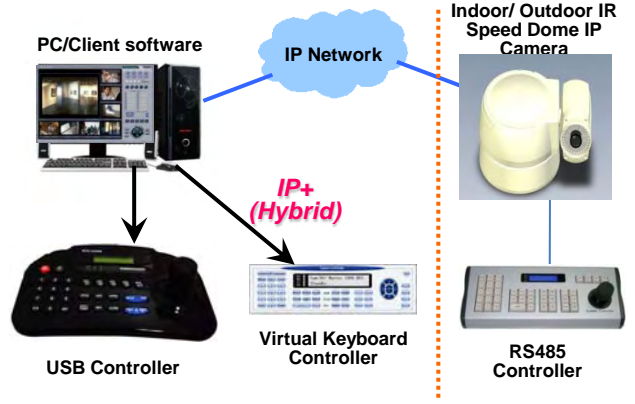


Key Features

- MPEG4 professional IR Speed Dome IP Camera
- Very convenient installation
- IP + (Hybrid) feature
- IP66 compliant
- Filter changeable true day/night
- Supports both interpolation and interlace
- Bi-directional audio communication
- Versatile zoom selection (Sony, Samsung, Hitachi)
- Sony(18X, 26X, 36X), Samsung(27X, 33X, 37X), Hitachi(35X)
- Optional items
- Flash memory for local storage, Keyboard controller, AC power adaptor, Long range WiFi

IP+ (Hybrid)

- Supports both real(USB/RS485) and virtual keyboard controller using client software on PC



Client Software – free of charge except iCMS



Specifications(Preliminary) **Ask for detailed specifications**

Camera Part (PTZ Mechanism, Camera Module, IR Lamp, Heater)									
Model		18X Optical (Sony)	26X Optical (Sony)	27X Optical (Samsung)	33X Optical (Samsung)	X35 Optical (Hitachi)	36X Optical (Sony, WDR)	37X Optical (Samsung)	
Pan / Tilt	Pan Rotation Angle	360° Continuous Rotation							
	Pan Speed	0.2° ~ 160°/sec							
	Tilt Rotation Angle	350°							
	Tilt Speed	0.2° ~ 120°/sec							
	Preset Speed	200°/sec							
	Preset Accuracy	Better than 0.04°							
	Mounting Type	Normal and Inverted							
Operational	Presets	200 Presets							
	Home Position	Preset 2, Tour 8, Pattern 8, Scan 1							
	Sector Title	8 Sectors, 16 Characters							
	Preset Title	16 Characters							
	Dynamic Privacy Zone	24 3D Privacy Masking							
	Alarm Input	4 Inputs							
	Alarm Output	2 Relay Outputs							
	Auto Flip	Digital Flip							
	OSD Menu	Yes							
	Communication	RS-485							
Others	Heater	Included							
	IR Lamp	Included, Visible Length of IR Lamp : up to 100m							
Camera Module	Image Sensor		1/4" Sony Exview HAD CCD	1/4" Sony Exview HAD CCD	1/4" Sony super HAD CCD	1/4" Sony super HAD CCD	TBD	1/4" Sony Exview HAD CCD	1/4" Sony super HAD CCD
	Total Image Pixels	NTSC	811(H) * 508(V) 410K						
		PAL	795(H) * 596(V) 470K						
	Number Of Effective Pixels	NTSC	768(H) * 494(V) 380K						
		PAL	752(H) * 582(V) 440K						
	Horizontal Resolution	NTSC	470TV line	470TV line	550TV line(Color) 680TV line(B/W)	550TV line(Color) 680TV line(B/W)	TBD	530TV line(Color)	550TV line(Color) 680TV line(B/W)
		PAL	460TV line	460TV line				530TV line(Color)	
	Lens	Optical	18x Optical Zoom (F=1.4~3.0, f=4.1~73.8mm)	26x Optical Zoom (F1.6~3.8, f=3.5~91.0mm)	27x Optical Zoom (F= 1.6 ~ 2.9 , f=3.5 ~ 94.5mm)	33x Optical Zoom (F= 1.6 ~ 3.6 , f=3.5 ~ 115.5mm)	TBD	36x Optical Zoom (F=1.6 ~ 4.5 , f=3.4 ~ 122.4mm)	37x Optical Zoom (F= 1.6 ~ 3.9 , f=3.5 ~ 129.5mm)
		Digital	12x 216x with	12x 312x with	12x 324x with	12x 396x with	TBD	12x 432x with	12x 444x with
	Day & Night (ICR)		Auto / Day / Night						
	Digital Slow Shutter		ON/ OFF						
	Min. Illumination	Normal Mode	0.05Lux	0.14Lux	0.4Lux	0.4Lux	TBD	0.1Lux	0.7Lux
		Night Mode	0.01Lux	0.05Lux	0.02Lux	0.02Lux	TBD	0.01Lux	0.061Lux
		Sense-up : 256x			0.00007Lux	0.00007Lux		0.00007Lux	
	Luminance S/N Ratio		More than 50dB						
Video Output		Composite video output 75 ohm terminated							
BLC		On / Off							
Flickerless		On / Off							

Video Part	
Compression Method	MPEG4
Resolution	-NTSC : 720x480(full D1), 720x240(half D1), 320x240(CIF), 176x144(QCIF) -PAL/SECAM : 720x576(D1),720x288(half D1), 352x288(CIF),176x144(QCIF)
Number of Frames/sec	In max resolution - Up to 30 frames (NTSC) - Up to 25frames(PAL)
Video Output	1ch CVBS output
Motion Detection	3 regions

Audio Part	
Compression Method	-ADPCM (IP Camera- > Client PC) -PCM (Client PC -> IP Camera)
2-way Communication	Supported
Audio Input/Output	1ch(from Microphone or audio device) /1ch(to speaker)

Network	
Access Network	100Base-T, xDSL Modem, Cable Modem, Leased line, Optic Fiber
Protocols	IPv4, TCP/IP, ARP, ICMP, HTTP, SMTP, FTP, DHCP, RTP, RTSP, SDP, PPPoE
Security	User ID & Password protection, IP address filtering
Dynamic IP	Supported (through iCanTek's management server)



General	
Alarm Input / Output	4 Sensor inputs / 2 Relay outputs
Alarm Notification	Email (video file), FTP server (for alarm video file)
Dual Streaming	MPEG4 + JPEG (for mobile)
IBRC	Intelligent bit rate control
3G mobile	Support (ask iCanTek for detail)
Local storage	Supported (optional)

Client Software	
iNVR	16ch(free of charge)
NVR-Pro / iCMS	64ch(free of charge) / 64ch
PDA / Mobile Viewer	4ch/1ch(free of charge)

Operating Environment, Power, Dimensions	
Operating Temperature	TBD
Operating Humidity	TBD
Power	TBD
Dimensions (W x D)	TBD
Weight	TBD
Casing	TBD
Approvals	TBD(FCC, CE, MIC, RoHS)
Package Information	TBD

Ordering Information for Detailed Models	
iCanView212-18S	Sony 18X zoom
iCanView212-26S	Sony 26X zoom
iCanView212-27D	Samsung Techwin 27X zoom
iCanView212-33D	Samsung Techwin 33X zoom
iCanView212-35H	Hitachi 35X zoom
iCanView212-36S	Sony 36X zoom, WDR
iCanView212-37D	Samsung Techwin 37X zoom

Optional Items	
Flash memory	2/4/8/16GB for local storage
Keyboard controller	mD-CN3RI, mD-CN2R1, WTX-1200A
WiFi	Long range WiFi base station, Wireless Client Bridge
Power adaptor	TBD

Keyboard Controller		
mD-CN3RI  (Twist Control)	WTX-1200A  (Web Keyboard Controller, USB type)	
WiFi		
Dual Band Wireless 	Ethernet Injector & Surge Suppressor 	5 Port PoE Switch 