



# HIGH SPEED IP PTZ OUTDOOR DOME CAMERA

Built-in 10X and 20X and 30X Optical Zoom module

## OR-S70x0i



OR-S7020i & OR-S7030i

### GENERAL FEATURES

- x320 Zoom Control (Optical x10, Digital x32@V2.0) - OR-S7010i
- x260 Zoom Control (Optical x20, Digital x13@V2.0) - OR-S7020i
- x390 Zoom Control (Optical x30, Digital x13@V2.0) - OR-S7030i
- 5.9" Bubble dome enclosure
- Endless 360° Pan Rotation
- "Lightning Speed (MAX. 720°/sec) & Smooth Manual Speed (MIN. 0.01°/sec)"
- Day & Night (ICR)
- Focus Auto / Manual / One Push
- 128 Preset Positions with Alphanumeric Labels
- 12 Scan, 4 Tour and 8 Pattern@V2.0 Functions
- Built-in 2 Sensor Inputs and 2 Relay Output
- Environment protection as well as built-in Fan & Heater
- Vandal-Proof (Dome Cover : PC / Housing & Accessories : AL Die-casting)
- SDHC memory card (card not included)
- IK Rating IK10
- IP Rating IP66



OR-S7010i

### ADDRESS

ITX-M2M CO., LTD.  
9F, Kolon Digital Tower Aston | 212, Gasandigital 1-ro,  
Geum cheon-gu | Seoul | 08520 | Korea



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## SPECIFICATIONS

	Item	OR-S7010i	OR-S7020i	OR-S7030i
CAMERA	Image Sensor	1/2.86" 2.4M Pixel CMOS (Panasonic)	1/2.8" 2.41 Mega Pixel CMOS (IMX236)	1/2.8" 2.41 Mega Pixel CMOS (IMX136)
	Lens		f = 4.7 ~ 94.0 mm, F1.6 ~ F3.5	f = 4.3 ~ 129 mm, F1.6 ~ F4.7
	Zoom	X10 Optical and X32 Digital	X20 Optical and X13 Digital	X30 Optical and X13 Digital
	Horizontal angle	1080p : 54°(W) ~ 4.9 °(T)	1080p : 59.5°(W) ~ 3.3 °(T)	1080p : 63.7°(W) ~ 2.3 °(T)
	Max. Resolution	Full HD (1080p)		
	Resolution	1920x1080 / 1280x1024 / 1280x720 / 1024x768 / 704x576 / 704x480 / 640x480 / 640x360 / 640x352 / 352x288 / 352x240 / 320x240		
	Effective Pixels	Approx. 2 Mega pixels		
	Effective Image Size	HD: 16:9 SD: 4:3		
	Pan/Tilt/Preset Speed	Preset : 720°/sec & Manual : 0.01~ 360°/sec (Zoom Proportional) & Scan : 1~ 360°/sec		
	Preset	128 Presets with Labels / Independent Camera Setup		
	Tour	4Tours (MAX. 24 Entries for Each Tour)		
	Scan / Pattern	12 Scans / 8 Patterns@V2.0		
	Focus	Auto / Manual / One Push		
	White Balance	Auto / Manual		
	AGC	Auto / Manual (Max Gain Limit)		
	BLC	Backlight compensation - ON / OFF		
	Iris	Auto / Manual		
	WDR	ON / OFF		
	Special Function	Defog (TBD) & HLC TDB)		
	Shutter Speed	1/30 ~ 1/60000 sec (12 Step)	1/1 ~ 1/10000 sec (17 Step)	
Day & Night	Auto / Day / Night (ICR)			
ANALOG (Installation Only)	Video Signal	VBS 1.0 Vp-p		
	Monitor Output	BNC (Accessory)		
	Scanning Frequency	NTSC: (H) 15.734 kHz, (V) 59.94 Hz PAL: (H) 15.625 kHz, (V) 50 Hz		
	S/N ratio	50dB		
	Min. illumination	Color: 0.5 Lux @ F1.6 50 IRE B/W:0.1Lux @ F1.6 50 IRE	Color: 0.4 Lux @ F1.6 50 IRE B/W:0.03Lux @ F1.6 50 IRE (High sensitivity Mode : 0.1 Lux @ F1.6 50 IRE) 0.008 Lux @ F1.6 50 IRE)	Color: 1.4 Lux @ F1.6 50 IRE B/W: 0.05Lux @ F1.6 50 IRE (High sensitivity Mode : 0.35 Lux @ F1.6 50 IRE) 0.013 Lux @ F1.6 50 IRE)
AUDIO	In/Out	Two way		
	CODEC	G.711- 8kHz		
NETWORK	Network	10/100BASE-T		
	Image Compression	Dual Codec, H.264/ MJPEG		
	Resolution	All Codec : 1080p/720p/D1/CIF		
	Protocol	IPv4, ONVIF, TCP/IP, UDP/IP, RTP(UDP), RTSP, NTP, HTTP, DNS, DDNS, DHCP, FTP, SMTP, TCP/IP		
	Frame Rate	Max. 30/25 fps for 1080p/720p/D1/CIF/QCIF		
	Web Browser	Windows 7, Vista, XP, 2000		
	Security	Digest Authentication (ID/PW)		
	Motion Detection	Notification: FTP, e-mail, Alarm out, JPEG Recording on SD		
	Alarm Event	Pre-Pos Alarm		
POWER	Power Source	AC 24V / PoE+ (Requires external PoE injector on NVR)		
	Power Consumption	AC 24V : 14.5W(HEATER ON : 33W) / PoE +: 25W		
OTHER SPECIFICATIONS	Micro SD Card	SDHC memory card (card not included)		
	External I/O	IN 2 / OUT 1	IN 2 / OUT 2	
	Ambient Temperature	AC 24V : -30°C ~ 50°C / PoE : -10°C ~ 50°C	AC 24V : -40°C ~ 50°C / PoE : -10°C ~ 50°C	
	Ambient Humidity	up to 90% RH		
	Housing	Weather proof / Vandal Proof Structure / Color: Gray		
	Materials	Body: Aluminum Die-casting / Clear Bubble: Polycarbonate		
	Weight	Net: 1.8 Kg, Package: 2.3 Kg	Net: 2.8Kg, Package: 3.7 Kg	
	Dimensions	Net : Ø165 x 155.5(H) mm	Net : Ø220 x 259.8(H) mm	



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OPTIONS	
WALL MOUNT BRACKET (257X130X190MM) IPWALLB	CEILING MOUNT BRACKET (188X100X100MM) IPCEILB
	
MOUNT ADAPTOR FOR ONLY OR-S7010i IPADAPB10	MOUNT ADAPTOR & SUN SHIELD HOUSING FOR ONLY OR-S7010i IPSUNADB10
	
POLE MOUNT FOR IPWALLBBRACK IPPOLEM	CORNER MOUNT FOR IPWALLBBRACK IPCORNERM
	