

Intellio ILC Series

With Built-in Motion, Cover and Rotation Detector

Frame rate: 6-20 fps
Software and True Day and Night mode
Resolution up to 1280x960

Bandwidth Management
Four Levels of Intelligence



The Intellio intelligent network camera system helps you protect public and company assets by alerting to potentially hazardous activity. The Intellio system is based on the next generation of IP cameras with intelligence on board to alert to potentially risky events.

Intellio's system is highly scalable. Our cameras work best in large, geographically diverse environments monitored as an integrated system. Previously fragmented security environments can be managed and mined for information as one.

Most IP-based systems occupy bandwidth even if there is no triggering event thus wasting valuable storage space and

bandwidth. This could be a huge issue when expanding an existing system where there are applications already using the network. The transfer of images by intelligent cameras can solve this problem as the information received by the server is already processed.

This can alleviate server load and maximize performance, not to mention lower installation costs.

Intellio ILC Series Camera Datasheet

Camera			General																																																																																						
Image Sensor	Micron 1/3" CMOS progressive scan	ILC-100, ILC-110 ILC-300 ILC-310	Processor and memory	Analog Devices Blackfin BF533, 64MB RAM																																																																																					
	Micron 1/4" CMOS progressive scan	ILC-200 ILC-210		Power	12VDC(+2V,-3V), max 400mA (3.5W) POE support (IEEE 802.3af)																																																																																				
Sensitivity	1 lux	ILC-100	Operating conditions		Temperature: 0 - 50 C°, Humidity: 20-80%																																																																																				
	2 lux	ILC-200 ILC-300																																																																																							
	Day & Night, 0.3lux/1lux	ILC-110																																																																																							
	Day & Night, 0.3lux/2lux	ILC-210 ILC-310																																																																																							
Lens Type	3.0 - 8 mm, F1.0, DC Auto Iris	ILC-100	Connectors	Ethernet 10BaseT/100BaseTX, RJ-45																																																																																					
	3.0 - 8 mm, F1.0, DC Auto Iris, IR corrected	ILC-110, ILC-210		Power connector (DC jack 5.5mm/2.1mm)																																																																																					
	3.0 - 8mm F1.0, Aspherical, DC Iris, Megapixel	ILC-200 ILC-300		DC auto iris connector																																																																																					
	2.8 - 12mm F1.3, Aspherical, DC Iris, Megapixel, IR corrected	ILC-310		Terminal block for I/O (2 alarm input, 1 output)																																																																																					
Frame rate	20 fps	ILC-100 ILC-110	Weight	450g (without lens)																																																																																					
	12 fps	ILC-200 ILC-210 ILC-300 ILC-310		Dimensions (HxWxD)	50x58x118 mm																																																																																				
	6 fps																																																																																								
Day and night mode	Software day and night mode	ILC-100 ILC-200 ILC-300 ILC-110 ILC-210 ILC-310	Approvals		CE: EN 61000-6-3:2007, EN 55022:2006, EN 55024:1998+A1:2001+A2:2003, EN 61000-4-2:1995+A1:1998+A2:2001, EN 61000-4-3:2006																																																																																				
	True day and night (with removable IR cut-off filter)			FCC Part 15, Class B ROHS compliant																																																																																					
Video	Image settings	Compression level, brightness, contrast, gamma, saturation, white balance, Shutter time, gain control, exposure preference	Firmware updates	Firmware updates can be managed with Intellio Client Software																																																																																					
		D&N mode adjustment																																																																																							
		Slow shutter mode																																																																																							
		Back light compensation																																																																																							
Motion detector	8 masks, all with 8 polygons, total of 64 polygons, all mask with adjustable sensitivity and size parameter Separate motion detector for monitoring and for storing		Intelligent levels																																																																																						
Video streaming	Bandwidth management: motion or/and alarm controlled streaming Typical bandwidth requirement (in case of motion or alarm): 2-4 Mbps		Basic	Motion detector, Cover detector, Rotation detector																																																																																					
Resolution	640x480 (VGA)	ILC-100 ILC-110	Extended	Motion detector, Cover detector, Rotation detector, Crowd detector, Intelligent motion detector, Tripwire detector, Entry detector, Direction detector, Speed detector, Object counter																																																																																					
	1024x768 (XGA)	ILC-200 ILC-210	Retail	Motion detector, Cover detector, Rotation detector, People counter																																																																																					
	1280x960 (1.3MP)	ILC-300 ILC-310	Traffic	Motion detector, Cover detector, Rotation detector, Traffic detector																																																																																					
Video Compression	Motion JPEG / Intellio Video Compression		<table border="1"> <thead> <tr> <th></th> <th>ILC-100B</th> <th>ILC-100E</th> <th>ILC-100T</th> <th>ILC-100R</th> <th>ILC-110B</th> <th>ILC-110E</th> <th>ILC-110T</th> <th>ILC-110R</th> <th>ILC-200B</th> <th>ILC-200E</th> <th>ILC-210B</th> <th>ILC-210E</th> <th>ILC-300B</th> <th>ILC-300E</th> <th>ILC-310B</th> <th>ILC-310E</th> </tr> </thead> <tbody> <tr> <td>Basic Intelligence</td> <td>x</td> <td>x</td> <td>x</td> <td>x</td> <td>x</td> <td>x</td> <td>x</td> <td>x</td> <td>x</td> <td>x</td> <td>x</td> <td>x</td> <td>x</td> <td>x</td> <td>x</td> <td>x</td> </tr> <tr> <td>Extended Intelligence</td> <td></td> <td>x</td> <td>x</td> <td>x</td> <td></td> <td>x</td> <td>x</td> <td>x</td> <td></td> <td>x</td> <td></td> <td>x</td> <td></td> <td>x</td> <td></td> <td>x</td> </tr> <tr> <td>Traffic Intelligence</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>x</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Retail Intelligence</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>x</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>			ILC-100B	ILC-100E	ILC-100T	ILC-100R	ILC-110B	ILC-110E	ILC-110T	ILC-110R	ILC-200B	ILC-200E	ILC-210B	ILC-210E	ILC-300B	ILC-300E	ILC-310B	ILC-310E	Basic Intelligence	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	Extended Intelligence		x	x	x		x	x	x		x		x		x		x	Traffic Intelligence							x										Retail Intelligence								x								
	ILC-100B	ILC-100E	ILC-100T	ILC-100R	ILC-110B	ILC-110E	ILC-110T	ILC-110R	ILC-200B	ILC-200E	ILC-210B	ILC-210E	ILC-300B	ILC-300E	ILC-310B	ILC-310E																																																																									
Basic Intelligence	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x																																																																									
Extended Intelligence		x	x	x		x	x	x		x		x		x		x																																																																									
Traffic Intelligence							x																																																																																		
Retail Intelligence								x																																																																																	
Encryption	1024bit asymmetric RSA encryption																																																																																								