

Wireless Communication

BFi OPTILAS provides solutions for the security sector integrating mega pixel, high resolution IP cameras with wireless broadband to create systems for remote surveillance.

Our Imaging division provides a complete end to end IP CCTV solution with the widest range of high performance HD cameras providing broadcast quality imaging to security installations.

The Wireless division supplies networked systems for wireless video, voice and data traffic and networking applications.



QUICK REFERENCE		ALVARION					E-BAND	INFINET			DRAGONWAVE	
		BreezeACCESS VL	BreezeNET B	Wi2	SU Video	Extreme 5000	E-Link 1000EXR	InfiLINK 2x2	InfiLINK	InfiMAN 2x2	InfiMAN	Horizon Compact
Operators	Residential/Rural Access	✓	✓			✓	✓	✓	✓	✓	✓	
	Business Access	✓	✓			✓	✓	✓	✓	✓	✓	✓
	Public Access			✓			✓					
Public Safety	Video Surveillance	✓	✓		✓	✓	✓	✓	✓	✓	✓	
	Mobile Broadband			✓								
	Public Networks	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Private Networks	Enterprise	✓	✓			✓	✓	✓	✓	✓	✓	✓
	Education	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
	Oil & Gas	✓	✓		✓	✓	✓	✓	✓	✓	✓	
	Meter Reading	✓	✓	✓		✓		✓	✓	✓	✓	
Technical Specifications	Maximum Throughput (mbps)	54	250	20	54	54	1250	250	54	250	54	800
	Line-of-Sight	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Non-Line-of-Sight	✓	✓	✓	✓	✓		✓	✓	✓	✓	
	Point-to-Point		✓				✓	✓	✓			✓
	Point-to-MultiPoint	✓		✓	✓	✓				✓	✓	
	Fully Licensed											✓
	Lightly Licensed	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

Multi Mega Pixel Cameras



The industry's first visually lossless platform for indisputable clarity and detail

Scientific grade, progressive scan CCD cameras from 2 to 16 mega pixel. Capture high quality detailed images - equivalent resolution of 50 VGA cameras in one camera. Wide dynamic range with excellent low light performance.



1/2" wide dynamic range 14 bit CMOS cameras. 1 to 5 mega pixel resolution. Capture HD video in a wide range of light conditions - equivalent resolution of up to 15 VGA cameras. True day night operation with c/cs lens mount and auto iris.



Vandal resistant HD dome cameras. 1 to 8 mega pixel resolution. Capture HD video with up to 360 degree coverage with the latest panoramic range. True day night operation with c/cs lens mount and auto iris.



Designed for gathering up to 16 megapixel surveillance footage in temporary applications, Avigilon Control Center Rapid Deployment Kits deliver unsurpassed high definition video surveillance performance in a mobile package.



Lossless four-channel encoder. Unsurpassed recorded quality for legacy analogue cameras. PTZ control, audio and alarm I/O make this a versatile component for integrating visible and thermal cameras.



Avigilon Control Center, with High Definition Stream Management (HDSM), is the award winning high definition network video management solution that delivers full situation awareness and indisputable detail, leading to faster response times, reduced investigation times, and superior overall protection.

Available as stand alone software, or pre-installed and configured on an Avigilon NVR, the Avigilon Control Center is a secure distributed network platform with enterprise class reliability for capturing, managing, and storing high definition multi-megapixel surveillance video while efficiently managing bandwidth and storage.

Avigilon Control Center records and manages both audio and video from the world's broadest range of multi-megapixel IP cameras, from 1 to 16 megapixels. In addition, the system can accommodate conventional and PTZ analog cameras and both audio and video from a broad range of 3rd party IP cameras, and encoders from leading manufacturers.

