



RADWIN END TO END WIRELESS CONNECTIVITY SOLUTION FOR VIDEO SURVEILLANCE

SUPERIOR IMAGE QUALITY TRANSMISSION FOR DEMANDING
VIDEO SURVEILLANCE APPLICATIONS

END-TO-END



PtP Backhaul
RADWIN 2000

PtMP Camera Connectivity
RADWIN 5000 HPMP

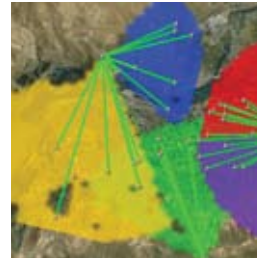


COMPLETE PORTFOLIO OF POINT-TO-MULTIPOINT & POINT-TO-POINT SOLUTIONS

- » Superior image quality
- » Ultra-high capacity of 200 Mbps
- » Dedicated bandwidth per camera site
- » 24x7 high quality transmission

SURVEILLANCE NETWORK PLANNING

- » Professional network design & analysis
- » Google Earth Plug-in
- » Built-in report generator



MONITOR & MANAGE YOUR SURVEILLANCE NETWORK


- » Manage up to 10,000 RADWIN links from one location
- » Intuitive, easy-to-use GUI
- » Complete visibility and control over the network



APPLICATIONS



1 City Surveillance 2 Perimeter Security 3 Oil & Gas Facility Protection 4 Transportation Security 5 Property Protection 6 Traffic Control



RADWIN OFFERS AN END-TO-END WIRELESS CONNECTIVITY SOLUTION FOR VIDEO SURVEILLANCE

RADWIN presents a unique range of advantages including:

- » More Base Station capacity (200Mbps) for High Definition (HD) cameras
- » More cameras per remote unit (5 to 50Mbps)
- » More savings due to reduced tower fees, base stations & remote units
- » Superior image quality, guaranteed via dedicated bandwidth per camera site
- » Fixed and low latency for zero video “hiccups”
- » Robust transmission in dense urban areas with non-line-of-sight
- » Outstanding interference mitigation in unlicensed frequency bands
- » Simple installation, saving deployment time and cost

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Specifications

	RADWIN 5000 HPMP		RADWIN 2000
Type	Point-to-MultiPoint		Point-to-Point
Net Throughput	Base Station	200Mbps HBS-5200	200Mbps - RADWIN 2000-C
		50Mbps HBS-5050	50Mbps - RADWIN 2000-B
	Remote Unit	50Mbps HSU-550	
		20Mbps HSU-520	
		10Mbps HSU-510	
	5Mbps HSU-505*		
Range	Up to 40 km/25 miles		Up to 120 km/75 miles
Frequency Bands	2.5-2.7GHz, 3.3-3.8GHz and 4.9-6.0GHz		2.3-2.7GHz, 3.3-3.8GHz and 4.4-6.4GHz
Bandwidth Allocation	Guaranteed Bandwidth per remote unit: from the camera site to the control center		
OFDM	Supported		Supported
MIMO 2x2 / Antenna diversity	Supported		Supported
Operation in nLOS and NLOS	Excellent		Excellent
Latency	Constant Latency per Remote Unit 4 to 10msec		<3msec
TDD Synchronization	Intra-Site and Inter-Site (using GPS)		

*Availability: Q1 2012

“RADWIN’s wireless systems enabled us to deploy a highly sophisticated video surveillance network that transmits high quality video from multiple camera sites, including parks, schools, shopping areas and highways. Thanks to RADWIN, Mira municipality can boost public safety to the benefit of its residents.”

ENZO SERPANI, TECHNICAL COORDINATOR FOR THE MIRA CITY SURVEILLANCE PROJECT, VENICE, ITALY

“With RADWIN’s equipment we know that we are giving our customers the best video transmission solution that’s out there.”

ANDRID GELDENHUYS, PRESIDENT, NETWORK EMBEDDED TECHNOLOGIES, SOUTH AFRICA

About RADWIN

Delivering best of breed wireless connectivity solutions, RADWIN is committed to providing a complete offering for the Sub 6GHz domain. Recognized as the market leader, RADWIN provides competitively priced products that achieve unmatched reliability, flexibility and installation simplicity. Deployed in over 140 countries around the world, RADWIN delivers high quality wireless connectivity products that secure unrivaled performance for cellular backhaul, broadband wireless, security & surveillance and government & enterprise applications.

Corporate Headquarters

+972.3.769.2820

sales@radwin.com

www.radwin.com