



**Waterside Sensor Pack
Specifications**

Radar Video Surveillance (RVS)

Waterside Sensor Pack Specifications

Waterside Sensor Pack SPECS		4kW	12kW	25kW
Scanner		6.5' Open Array	6.5' Open Array	9' Open Array
Frequency		9410 ±30 MHz	9410 ±30 MHz	9410 ±30 MHz
Beam Widths	Horizontal	1.2°	1.2°	0.8°
	Vertical	22°	22°	25°
Rotation		24/48 RPM	24/48 RPM	24/48 RPM
Pulse Length (µsec)/PRF (Hz)		S: 0.08/2000 M: 0.25/1500 L: 0.8/600	S: 0.08/2000 M1: 0.3/1500 M2: 0.6/1000 L: 1.0/500	S: 0.08/2000 M1: 0.3/1300 M2: 0.6/800 L: 1.2/450
Range Scales NM		1/8, 1/4, 1/2, 3/4, 1½, 3	1/8, 1/4, 1/2, 3/4, 1½, 3, 6	1/8, 1/4, 1/2, 3/4, 1½, 3, 6, 12
Minimum Range		Within 25m on 1/8 NM range	Within 25m on 1/8 NM range	Within 25m on 1/8 NM range
Range Discrimination		Better than 25M	Better than 25M	Better than 25M
Range Accuracy		Better than 8m or 0.9% of max. range of scale in use	Better than 8m or 0.9% of max. range of scale in use	Better than 8m or 0.9% of max. range of scale in use
Bearing Accuracy		Better than ±1°	Better than ±1°	Better than ±1°
Wind Velocity (relative)		100 knots	100 knots	100 knots
Sensor Dimensions/ Weight		6.5'W x 17.7"H, 56 lbs.	6.5'W x 17.7"H, 56 lbs.	9' W x 17.7"H, 73 lbs.
Sensor Water Resistance		IPX5 (IEC529)	IPX5 (IEC529)	IPX5 (IEC529)
Sensor Environmental		-25°C to +55°C	-25°C to +55°C	-25°C to +55°C
Enclosure Dimensions		24"W x 30"H x 8"D, 120lbs	24"W x 30"H x 8"D, 120lbs	24"W x 30"H x 8"D, 120lbs
Enclosure Water Resistance		NEMA-4X	NEMA-4X	NEMA-4X
Peak Power Consumption		92W	112W	152W
Battery Backup		20 Minutes	15 Minutes	10 Minutes

Honeywell Automation and Control Systems

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Printed on recycled paper containing
15% post-consumer waste.



WSP Specifications Datasheet
March 2010
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