

# SC1000Xe Small Office Solution

## Dual Band Indoor Wireless Coverage System

*New SpotCell system to address the coverage challenges within diverse building layouts of smaller Commercial areas*

	Cellular	PCS
<b>Frequency Band</b>	UL: 824 - 849 MHz DL: 869 - 894 MHz	UL: 1850 - 1910 MHz DL: 1930 - 1990 MHz
<b>Operator sub-bands</b>	Operator Specific	.
<b>Primary sub-band</b>	A or B or (A and B)	5, 10, 15, 20 MHz
<b>Secondary PCS (split-band) options</b>		5, 10, 15, 20 MHz
<b>Formats Supported</b>	GSM, CDMA, EVDO, UMTS, WCDMA, HPSA and HSPA+, LTE	
<b>Typical Coverage Area</b>	10,000 sq ft (2,300 m2) for One Coverage Unit (CU) and 25,000 sq ft (10,000 m2) for system	
<b>System Gain</b>	UL: 0 to +80 dB maximum	DL: 0 to +80 dB maximum
<b>System Stability Margin (fully adaptive)</b>	> 10 dB	
<b>Downlink Operating Range (receive isotropic power)</b>	-95 to -45 dBm	
<b>Maximum Input Level (receive isotropic power)</b>	UL: -10 dBm maximum DL: -45 dBm maximum	
<b>Output Level – EIRP (fully adaptive)</b>	UL: +30 dBm maximum (composite) DL: +4 dBm maximum (composite)	
<b>Power Consumption</b>	< 50 W	(Single CU)



Fully integrated dual band 850 MHz and 1900 MHz In-building systems. Supports voice and data: GSM, CDMA, 1XRTT, 1XEVD0, UMTS, WCDMA, HPSA and HSPA+, LTE

Physical	DU	CU
<b>Operating Temperature</b>	-40° to 131°F (-40° to 55°C)	32° to 104°F (0° to 40°C)
<b>Size (w x h x d)</b>	14 x 12.5 x 3 in (36 x 31.5 x 8 cm)	6 x 9.25 x 1.75 in (15.5 x 23.5 x 4.75 cm)
<b>Weight</b>	12 lbs (5.5 kg)	2 lbs (1 kg)
<b>RF Connectors</b>	Type F: Coverage Port (weatherproof)	Type F: Donor Port Type F: Extension Antenna Port
<b>RF Cable</b>	Supports up to 82 ft (25m) RG-6 cable between Donor and Coverage Units Supports up to 320 ft (50m) RG-11 cable between Donor and Coverage Units	
<b>Optional RF Cable</b>	Plenum rated also available	
<b>Power Supply</b>	Universal power adapter (90 - 260 VAC, 47 -63 Hz)	

### Contact:

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