

## Spotwave Wireless Product Bulletin

### Ref: SpotCell Q-Hub - New Product Announcement No: 200905.1

The Spotwave SpotCell Q-Hub is introduced to extend the coverage area available for the SpotCell 2500Xe system. The SpotCell Q-Hub configuration provides the ability to support four (4) coverage units (CU) on a single donor unit (DU) system. This new feature significantly increases the configuration flexibility and application potential for the SpotCell 2500 Xe system.

#### Key Features:

The SpotCell Q-Hub can be used to add coverage of an existing 2500 Xe from 50,000 to 100,000 square feet.

Product summary:

- Extends coverage footprint on single SpotCell system;
- Introduces ability to support four (4) active Coverage Units (CUs) on Single Donor Unit;
- Same RF performance as existing 2500Xe;
- No Change to existing Coverage Unit or Donor Unit hardware<sup>1</sup>;
- Two (2) "passive" Coverage Extensions Antennas can be supported per system;

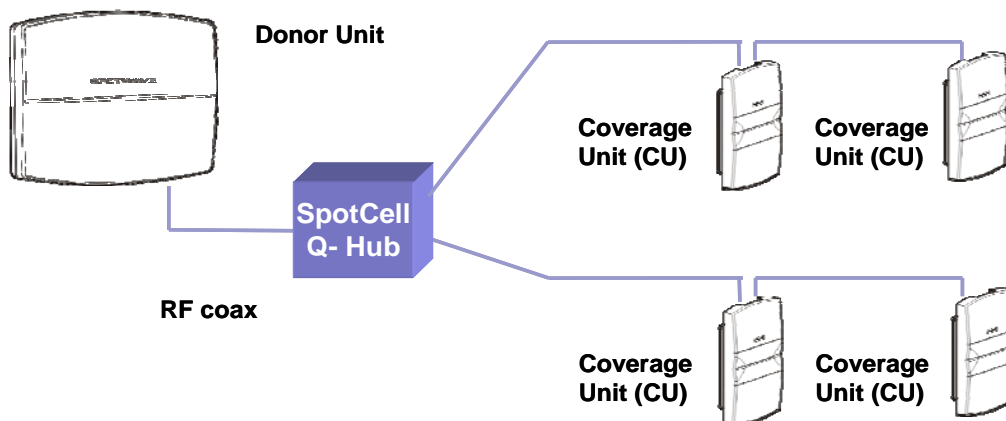
#### Commercial Details:

- Ordering Part Number: 100-10131-01
- General Availability: June 1, 2009
- MSRP (US\$): \$395.00

#### Ordering Information:

- To order a 3 or 4 CU SpotCell configuration:
  1. Start with SpotCell 2500Xe 50K configuration;
  2. Add SpotCell Q-Hub;
  3. Add 1 or 2 additional Coverage Units.

#### SpotCell Q-Hub System Architecture:



<sup>1</sup> Software version may need to be upgraded to extend existing systems to support four (4) CU configuration

## Cabling Restrictions and Specifications

Cable	Type	Loss dB / 100ft	SpotCell 2500 XE Without Hub Length Between DU and CU	SpotCell 2500 XE <u>With</u> Hub Length Between DU and CU
<b>Length (feet)</b>				
Belden 5339Q5	STD	11.3	177	124
Belden 6339Q8	PLENUM	14.6	137	96
Belden 7731A	STD	6.4	313	219
Belden 7732A	PLENUM	8.1	247	173
<b>Length (meters)</b>				
Belden 5339Q5	STD	11.3	54	38
Belden 6339Q8	PLENUM	14.6	42	29
Belden 7731A	STD	6.4	95	66
Belden 7732A	PLENUM	8.1	75	52

### Technical Considerations:

- Product Dimensions: 7.0 x 3.3 x 2.0 (l x w x h (inches));
- Powering Options
  - Each CU is powered independently;
  - Optionally, SpotCell Q-Hub is equipped with DC jack which allows +24V Dc power from a standard SpotCell power adapter to be distributed to the DU and CU1 only.
- Software Release prerequisites:
  - Donor Unit: Version 1.3.13.1 and above
  - Coverage Unit: Version 1.3.13.0 (NEW) and above
  - Management Unit: Version 1.19.0.0 (NEW)
  - Viewer: Version 1.2.0.0 (NEW)
  - All hardware for new 3 or 4 CU installations will be shipped at the new software revisions
  - Various options are available to upgrade the software in CUs and MUs that are already deployed. Please contact Spotwave Customer Support for further details.

### Spotwave Technical Support:

To contact Spotwave Wireless Customer Service and Support by telephone, call 1-877-610-9586

Additional support information may be obtained at [www.spotwave.com](http://www.spotwave.com)