

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 hardware¹;
- Two (2) "passive" Coverage Extensions Antennas can be supported per system;

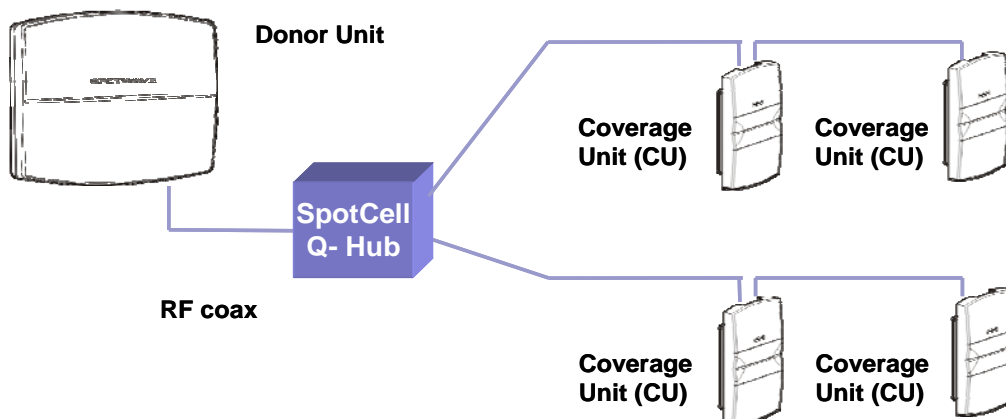
Commercial Details:

- 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:



¹ 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
Length (feet)				
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
Length (meters)				
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