

# PSC 9600 Site Controller

## FEATURES

Racking Options: may be racked anywhere at the site taking into consideration the product specifications.

Compact design: only requires 1 Rack Unit of space

Light weight: under 8 lbs.

Channel Capacity: 28

Supports: 700/800 MHz, VHF, UHF, and 380 MHz

9600 bps Control Channel

FLASHport capable

Encryption capable

Front Serviceability



## The fully redundant PSC 9600 controls the non-simulcast sub-system in Motorola's ASTRO®25 Digital Trunking Solutions

The PSC 9600 is designed for use in ASTRO®25 sites. Two PSC 9600s are needed for all Quantar site repeater sites to provide site level control and resource management. With the addition of integrated voice and data the site controller will also manage data control for the site.

The PSC 9600 will maintain the link and communication to the Zone Controller. It will also control the site's states (wide area trunking, site trunking, etc), provide integrated voice and data control, manage call control functionality when in wide area trunking and provide call processing functionality when in site trunking.

The PSC 9600 will only be supported in a redundant configuration at this time. The redundant PSC 9600 will communicate with the active one, at regular short intervals to detect any failures. If the active PSC 9600 should fail, the redundant PSC 9600 will pick up all current functionality and state information to maintain continuous operation of the site. If both PSC 9600s fail at the same time the site will revert to Failsoft operation.

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**GENERAL SPECIFICATIONS**

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RF Channel Bandwidth Supported	12.5kHz
Temperature Range (Ambient)	-30° to +60° C
Humidity	5 to 95% non condensing
Weight	7lbs 3oz
Card Cage Dimensions	17.37" W x 1.75" H x 8.75" D
Rack Option	19" standard rack mountable

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**ELECTRICAL SPECIFICATIONS**

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Standard Power Supply	
AC	100/240 VAC, 50-60Hz
DC	48 VDC, 1.5 A
Current Drain	0.28 amp at 120 VAC, .14 amp at 240 VAC



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