



CONNECT PLUS MULTI-SITE DIGITAL TRUNKING SYSTEM

MOTOTRBO™ XRC 9100 TRUNKING CONTROLLER

Keep your workforce connected.

When your fleet is dispatched across the city and your workers are miles apart, you need a way to stay connected. Scalable to meet your communication needs, Connect Plus multi-site trunking is a two-way radio system that enables your work teams to be safer and more efficient, with voice and data communications, including text messaging, location tracking and dispatch capability. All the while, you gain the benefits of TDMA digital technology like increased capacity and superb audio.

The XRC 9100 represents an evolution of the original XRC 9000 MOTOTRBO Connect Plus Controller, and is fully interoperable with new and existing systems.

EXCEPTIONAL CONTROL

Easily manage complex voice and data

communication: Use the MOTOTRBO XRC 9100 Trunking Controller to operate the site resources on Connect Plus digital trunking systems. Each controller can handle up to 29 voice and data talk paths per site (up to 2900 users). One controller is required for each site (redundant controller optional).

Expandable, adaptable and flexible:

The MOTOTRBO XRC 9100 supports single or multi-site Connect Plus digital trunking configurations. A powerful multiprocessor computer provides central call processing and real-time resource management for Connect Plus digital trunking systems. And the computer is designed as an Internet Protocol (IP) device to provide flexible site connectivity.

SUPERIOR CALL TRAFFIC MANAGEMENT

Get calls through even when volume is high:

During busy times, calls are placed in a queue. When an open channel is available, the user receives an automatic call back tone to tell them they can now complete their call. You can also choose to assign important users like managers or security a priority status so they have fast access when the system is in high demand.

PRODUCT DATA SHEET

XRC 9100

SPECIFICATIONS

GENERAL

Performance	Intel Atom D510 1.66 GHz processor
Ethernet Connections	6x Auto-sensing 10/100/1000 Mbps ports
Serial Connections	2x RS-232/422/485 serial ports (DB9 male) 6x RS-485 serial ports (terminal block) 2x USB 2.0 ports for high speed peripherals
Operating System	Linux
AC Input Power Requirements	100/240 VAC, 50/60 Hz, 40 Watts
Standard Warranty	Two years

PHYSICAL CHARACTERISTICS

Dimensions	12.40 x 17.32 x 3.54 in 315 x 440 x 90 mm (without rack mounting tabs)
Mounting	Standard 19" rack mounting
Weight	8.8 lbs (4 kg)

ENVIRONMENTAL

Operating Temperature	-30 to +60°C (-22 to +140°F)
Humidity	5 to 95% RH (non-condensing)
Storage Temperature	-40 to +85°C (-40 to +185°F)

STANDARDS

Safety	LVD, UL, cUL, CCC
EMC	FCC, CE (Class A)

Specifications subject to change without notice. All specifications shown are typical.
Controller meets applicable regulatory requirements.

For more information on how to make your business more efficient and better connected, visit motorolasolutions.com/mototrbo.

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