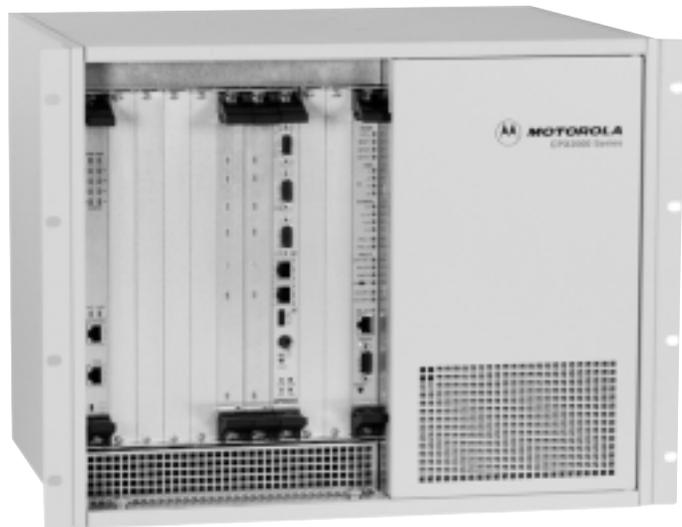


Specification Sheet

MOTOROLA GOLD ELITE GATEWAY (MGEG)



The Motorola Gold Elite Gateway (MGEG) is an interface which allows a CENTRACOM Gold Series Elite™ console system to access and control a packet-switch-based wide-area trunking system. The MGEG utilizes a Microsoft Windows® operating system and custom application software developed by Motorola to provide audio vocoding, system fault management and configuration services.

120 FULL-DUPLEX AUDIO SESSIONS

The MGEG supports 120 full-duplex audio sessions. Supported configurations include 2 or 4 MGEGs which supports 240 or 480 full-duplex audio sessions respectively.

INDUSTRY STANDARD COMPACT PCI PLATFORM

Industry standard design allows the MGEG to take advantage of advances in technology and simplifies obtaining replacement parts in the future.

INTERNAL MONITORING AND ALARM CARD

Monitoring and alarm card provides status of the power supplies, fans, and air temperature via front panel LEDs.

SINGLE-POINT CONFIGURATION BY RADIO SYSTEM CONFIGURATION SUB-SYSTEM

Centralized configuration done via the trunking system's network management sub-system eliminates the need to enter configuration data multiple times.

SINGLE-POINT MANAGEMENT BY RADIO SYSTEM FAULT MANAGEMENT SUB-SYSTEM

Centralized management done via the trunking system's network management sub-system allows status, faults, etc. to be monitored from one location.

WINDOWS OPERATING SYSTEM

Utilization of a standard operating system allows for ease of service / support.

SPECIFICATIONS

Dimensions

| | |
|---------------|-----------------------|
| Height | 14 in. / 355.6 mm |
| Width | 17.3 in. / 439.4 mm |
| Depth | 14.375 in. / 365.1 mm |

AC Inputs

| | |
|------------------|--|
| Voltage | 90-132 VAC or 180-260 VAC |
| Current | 9.0 Amps maximum at 120V, 5.0 Amps maximum at 240V |
| Frequency | 47-63 Hz |

Weight

Approximately 55lbs / 25kg

Environmental

| | |
|--------------------------------|---|
| Temperature (operating) | +5 to +35 degrees C |
| Temperature (storage) | -20 to +70 degrees C |
| Humidity | 20 to 80% RH at +35 degrees C, non-condensing |

Construction

All steel body
Recessed card cage
Off-white (PMS 427 C) finish

Thermal

4000 BTU/hour maximum

Mounting

RETMA standard rackmount (front or mid chassis)

Regulatory Compliance

| | |
|-------------------------------------|---|
| Safety | UL1950 CB scheme |
| Emissions | FCC Part 15, Class A, CISPR 22A |
| CE Mark | EN55022A, EN55024 using -2, -3, -4, -5, -6, -8, -11, EN61000-3-2 and -3 Harmonics and Flicker |
| RTTE (not connected to PSTN) | ETSI 300-386 immunity using -2, -3, -4, -5, -6, -11 |



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