

Specifications

QGE 100

Video input

Number/signal type	1 analog VGA-UXGA or digital VGA-WUXGA VGA-WUXGA RGBHV, RGBS, RGsB, single link DVI input 1 analog or digital loop-through
Connectors	2 female DVI-I
Impedance	75 ohms
Horizontal frequency	31.4 kHz to 100 kHz
Vertical frequency.....	50 Hz to 85 Hz
Resolution range	640x480 to 1920x1200* *1920x1200 is accepted for DVI single link, reduced blanking only
Formats.....	RGBHV, RGBS, RGsB, digital video
Standards.....	DVI 1.0

Video processing

Maximum pixel clock.....	165 MHz
Digital sampling	24 bit, 8 bits per color, 165 MHz standard
Colors	16.78 million

Sync

Input type	RGBHV, RGBS, RGsB
Input level	2.75 V to 5.0 Vp-p for RGBHV 0.3 Vp-p for RGsB
Impedance	2.2k ohms for H and V
Max. input voltage	5 Vp-p
Polarity.....	Positive or negative

Control/remote — processor/encoder

Serial host control ports.....	2 RS-232, rear panel 9-pin male D connectors (not used)
Keyboard/mouse ports	2 PS/2 mouse ports (female 6-pin mini DIN): 1 input, 1 loop through 2 PS/2 keyboard ports (female 6-pin mini DIN): 1 input, 1 loop through
Ethernet ports	1 female RJ-45 connector
Ethernet data rate	10/100Base-T, half duplex with autodetect
Ethernet protocol	IP, TCP, UDP, DHCP
Ethernet default settings	Link speed and duplex level = autodetected IP address = 172.28.231.98 Subnet mask = 255.255.0.0 Gateway = 0.0.0.0 DHCP = off
Program control	Extron QGE 100 control/configuration software for Windows®

General

Power supply.....	External Input: 90 VAC to 264 VAC, 50-60 Hz Output: 12 VDC, 1.5 A, 18 watts
Power consumption	Device: 15 watts, 12 VDC
Temperature/humidity	Storage: -40 to +158 °F (-40 to +70 °C) / 10% to 90%, noncondensing Operating: +32 to +122 °F (0 to +50 °C) / 10% to 90%, noncondensing

Cooling.....	Convection, no vents
Mounting	
Rack mount.....	Yes
Enclosure type.....	Metal
Enclosure dimensions	1.75" H x 7.9" W x 6.1" D (1U high) (4.4 cm H x 20.1 cm W x 15.6 cm D) (Depth excludes connectors.)
Product weight.....	1.4 lbs (0.6 kg)
Shipping weight.....	5 lbs (3 kg)
Vibration	ISTA 1A in carton (International Safe Transit Association)
Regulatory compliance	
Safety	CE, c-UL, UL
EMI/EMC	CE, FCC Class A
Environmental.....	Complies with the appropriate requirements of RoHS, WEEE.
Warranty.....	3 years parts and labor

NOTE: All nominal levels are at $\pm 10\%$.

NOTE: Specifications are subject to change without notice.

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