Technical data
MTL HMI and visualisation

Augsut 2019
GECMA RT SAU DT rev 3

CROUSE-HINDS
SERIES

GECMA RT
safe area unit

Desktop version fibre optic

The GECMA RT safe area unit is a single video channel transmission unit. It enables the transparent Keyboard-Video-Mouse (KVM) transmission via Multi Mode or Single Mode Fibre cable from the safe area into the hazardous area through an intrinsically safe, digital data transmission. A distance of up to 10.000m can be reached at a resolution of up to 1920x1200 pixel depending on the version of the safe area unit.

Features

Digital Video In	DVI-D (Digital only - VGA on request)
Digital Video Out	DVI-D (Digital only)
USB In	Transparent USB 2.0 connection for keyboard and pointing device
RS232	Single Channel RS232 connection
FIBRE LINK	

	Multi Mode	**Single Mode**
Category	OM3	OS2
Wave length	850nm	1310nm
Optical Budget	7,3dBm	12,8dBm
Distance	up to 550m (50/125µm)	up to 10.000m (9/125µm)
Resolution	up to 1920 x 1200 pixel, Full HD 1080p resolution at 1920x1080 @ 60Hz and 16:9 picture format	

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Mulder-Hardenberg BV • H.N. Werkmanweg 17 • 2031 BA Haarlem • Netherlands • +31 85 8003700 • infonl@m-h.biz • www.mulder-hardenberg.com

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Features
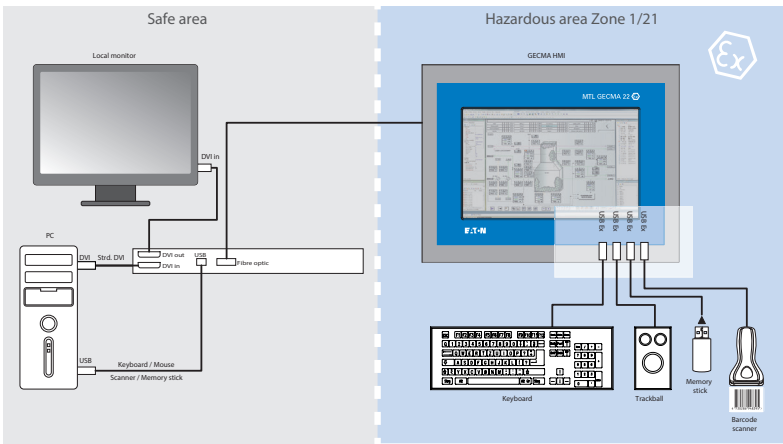
Designation	GECMA RT safe area unit /desktop
Housing	Desktop housing
Power Supply	100 - 240 V AC / 50/60 Hz /, typical: 10W maximum: 48 W
Power Input	6 W
Connections	DVI/VGA IN, DVI OUT, RS232 IN, USB IN, FIBRE LINK
Fuses	2 x 2 AT
Dimensions	203mm Width x 52mm Height x 191mm Depth
Weight	1.6 kg
Certified Ambient Temperature	-30 °C ≤ Ta ≤ +60 °C
Operating Ambient Temperature	-10 °C ≤ Ta ≤ +50 °C

Article Codes

GEC-GE1RT-TSM01-00	GECMA RT Safe Area Unit Desktop Version MM (Multi Mode)
GEC-GE1RT-TSS01-00	GECMA RT Safe Area Unit Desktop Version SM (Single Mode)
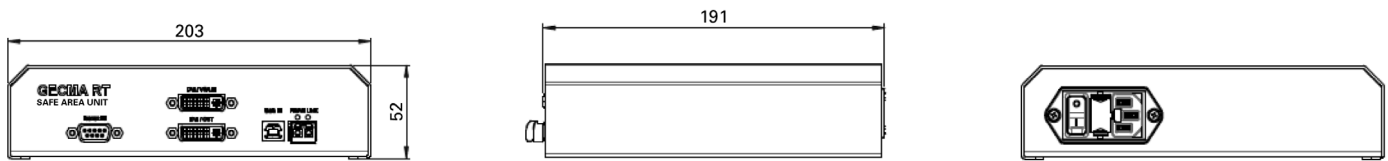
Standard Setup with DVI/ USB Connection

The given data is only intended as a product description and should not be regarded as a legal warranty of properties or guarantee. In the interest of further technical developments, we reserve the right to make design changes.

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