

Fiber 232® Models 4137EU & 4139EU HP Fiber / RS232 Converters with European 2-Pin Power Supply

- Allow Connection of HP Fiber Optic Linked Terminals to RS232 Port of Controller
- Provides Electrical-to-Optical, Optical-to-Electrical Conversion
- Ideal for Casino Newtorks Linking Lottery Terminals & Video Gaming Machines

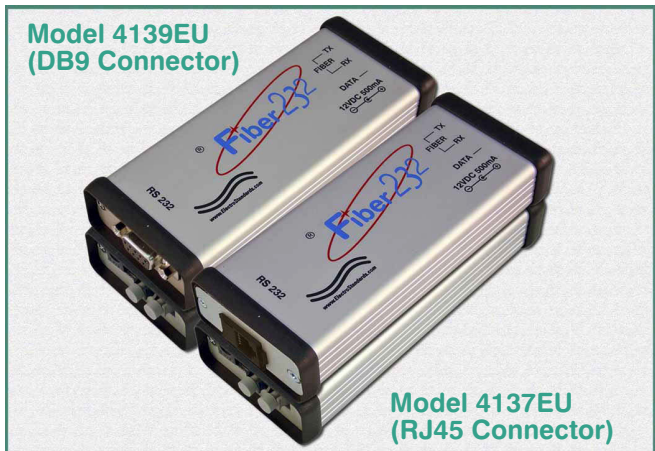
Models 4137EU / 4139EU Application

The HP Fiber / RS232 Converters are used to connect fiber optic linked Video Lottery Terminals to a controller having an RS232 interface port. While RS232 is a versatile communication standard, conversion to a fiber optic communication standard also allows data transmission that is no longer susceptible to electrostatic or electromagnetic fields. Additionally, the ports of the connected terminals are protected from damage by potential differences (ground variations) that often exist between them.

Fiber 232® Features:

- **Model 4137EU:** RS232 connection via an **RJ45 connector**.
- **Model 4139EU:** RS232 connection via a **DB9 connector**.
- Converts RS232 Serial Communication Interface to **HP Versatile Link plastic core cable**.
- Provides full galvanic isolation (no metallic connection) between connected devices.
- Full duplex connection between HP Versatile Link fiber optic interface device or network and an RS232 interface device.
- Allows the interference-free fiber optical transfer of data to be utilized by the device having an RS232 interface.
- **Data transfer rate up to 120 Kbps (enhanced RS232).**
- Fiber connections via two standard Versatile Link connectors.
- Model 4139EU is configurable for use as DCE or DTE. It is factory configured as DCE unless otherwise specified with order. The unit may be reconfigured in the field by changing the jumper setting.
- Maximum Link distance: greater than 500 meters (1640 feet) with 2.00 mm Hard Clad Silicon fiber cable.
- Provided with external wall-mount power supply, UL approved.

- **POWER:** Provided with **European 2-Pin external wall-mount power supply, Cat. No. 522876, 100VAC-240VAC, 50/60 Hz. GS, CE, RoHS certified that is included with the unit.**



Fiber 232® Specifications:

Data Transfer Rate: Up to 120 Kbps (enhanced RS232).

Fiber Transmission Distance: 75 m (250 ft.) using TC 1000 W type plastic fiber cable.

RS232 Transmission Distance: Greater than 15 m (50 ft.).

Optical Fiber Connectors: HP/Agilent Versatile Link.

RS232 Connector: **DB9 female on Model 4139EU, RJ45 female on Model 4137EU.**

Optical Cable Type: 1mm plastic optical film.

Optical Wavelength: 660 nm (red).

External Power Supply: European 2-Pin external wall-mount power supply 100VAC-240VAC, 50Hz/60Hz, **GS, CE, RoHS certified** that is included with the unit. (Cat. No. 522876)

Dimensions: 5.5" x 2.25" x 1.0" (139mm x 57mm x 25mm).

Weight: 0.5 Lb. (226 grams).

Status Display: Red LED.

RS232 Signals				
Model 4139EU DTE	Model 4139EU DCE	Model 4137EU	Signal	Signal Direction
DB9 Pin #	DB9 Pin #	RJ45 Pin #		
2	3	4	RXD	← IN
3	2	1	TXD	→ OUT
5	5	5	REF/GND	

HP Versatile Link Plastic Core Cables	
Catalog Number	Length
986625-010	10 Feet
986625-020	20 Feet
986625-XXX	Length in Feet

