



# EX232 Remora

RS232 to Ethernet convertor

Product Presentation

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# EX232 Remora

RS232 to Ethernet convertor

**Introduction**

# Remora NLS-EX232-01 convertor

## Introduction

The Remora convertor is an RS232 to Ethernet convertor. It allows you to connect RS232 barcode scanners on one side and a cabled network infrastructure on the other.

Instead of creating specific Ethernet interface models of our different scanners, this convertor can be used on every RS232 scanner in the Newland portfolio. *Note : HR23-BT and HR33-BT do not have an RS232 interface*

An Ethernet interface is commonly used in production and is the ideal solution for remotely controlling a scanner without needing a host PC nearby. An Ethernet convertor can also be used in many other applications where no host PC is in the same area as the scanner.

The Remora convertor has some unique features making it more useful for the Newland scanners against standard market RS232 to Ethernet converters:

**Integrated Power Supply:** The Remora can power the connected scanner directly via the CBL037R cable, so there is no need for an additional scanner power supply.

**Power over Ethernet (PoE) Compatibility:** The Remora supports PoE infrastructure, minimizing additional cabling and simplifying installation.

**Competitive Pricing:** The Remora offers enhanced functionality and features compared to conventional converters from other manufacturers, all at an exceptionally competitive price point.

NEWLAND  
AIDC  
EMEA

Power

Link

Active

RS232/485/422  
TO POE ETH (B)

Industrial Isolated  
Serial Device Server  
Modbus Gateway

## Technical Specs

Industrial Isolation

Rail-Mount

Multi Interfaces

Multi Power Supply Methods

RJ45 Ethernet (POE optional)

Multi Host Support

Host/Webpage Configuration

## Industries

Hospitality

Events

Entertainment

Manufacturing

Industrial





# EX232 Remora

RS232 to Ethernet convertor

Features

# Remora NLS-EX232-01 convertor

## Features

- Multiple interfaces + PoE network port + Electrical isolation (RS232 port × 1; RS485 port × 1; RS422 port × 1; Ethernet port × 1)
- Serial comms, Modbus Gateway, MQTT Gateway
- Bidirectional transparent data transmission between RS232/485/422 and Ethernet allows the server application to send feedback like beeps, vibration, and LED indicators to be activated remotely.
- DC power port, 6~31V DC, screw terminal, or PoE port
- PoE network port supports the IEEE 802.3af standard
- 10 / 100M auto-negotiation RJ45 connector, 2 KV surge protection
- Protocols / Ethernet: ETHERNET, IP, TCP, UDP, HTTP, ARP, ICMP, DHCP, DNS
- Configuration: host, web browser, device management Windows tool
- Operating mode: TCP server, TCP client, UDP, UDP multicast
- Multiple power options: POE or direct connected power supply





# EX232 Remora

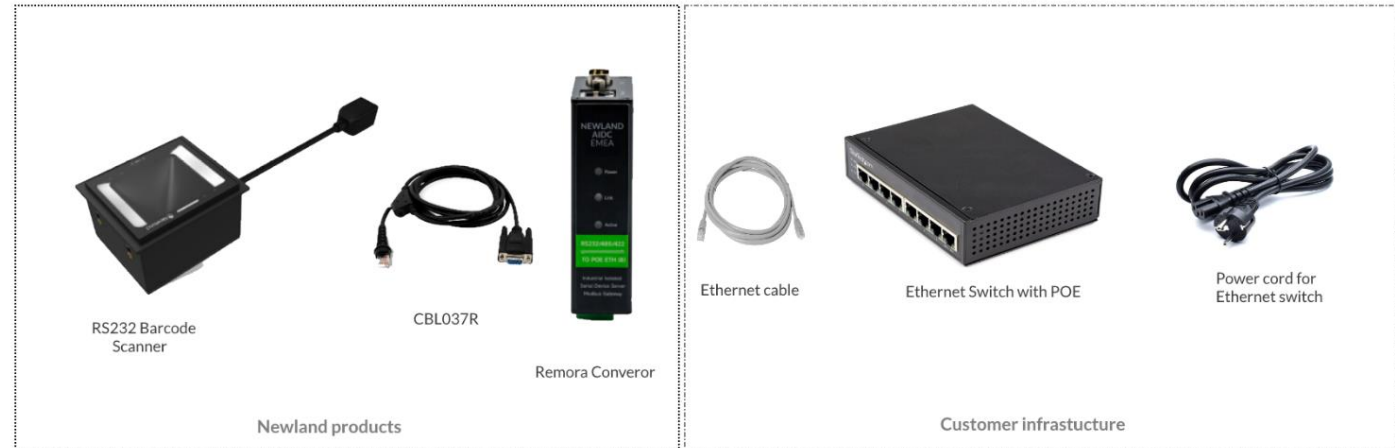
RS232 to Ethernet convertor

**Applications**

# Remora NLS-EX232-01 convertor

## Applications

- Industry
- Stand-alone entry solutions
- Scanners connected at a distance up to 100 meters from the host/network connection.



# Remora NLS-EX232-01 convertor

## Details

Practical info	
Part number:	NLS-EX232-01
Description :	NLS-EX-232-01 Remora Serial Port to Ethernet module with POE. Compatible with all RS232 versions of HR, FM, FR and NVH products

- Use CBL037R between NLS-EX232-01 and the scanner
- No need for a power supply for the scanner
- If you do not have POE, you can use our adapter ADP0042 or any 6-31 Volt DC power adapter to power the Remora.
- The Remora can be powered via a 5.5mm plug or screw terminal blocks.



# SCANNING MADE SIMPLE

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