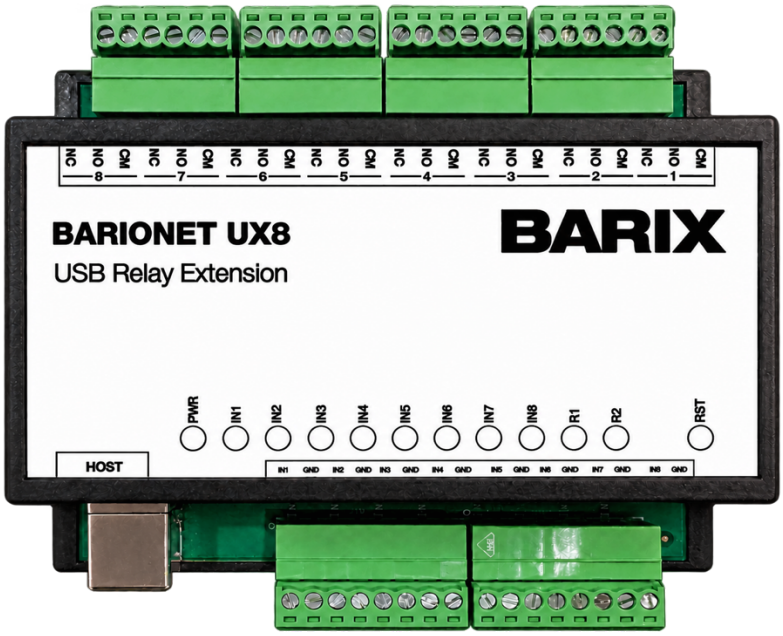
BARIX

# Barionet UX8

## I/O Extension for IPAM based Barionets.




The UX8 is a USB connected and powered IO Extension for IPAM based Barionet devices. It provides a simple way to increase the number of contact closures with 8x Dry Input Contact and 8x Relay outputs with NO and NC positions. The Barionet UX8 is immediately identified by the head-end Barionet device to which it is connected to and seamlessly extends its IO capabilities. The IOs provided by UX8 appear as part of the file system just like the built-in IOs of the head-end Barionet unit. A Barionet head-end unit can support up to 2 UX8 extensions.

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**Applications**

- Automation engineering in buildings, public transport and network infra-structures
- Machine control
- Access control and security systems driving horns or lights
- Environmental monitoring at power stations, sluices, or in agriculture
- Contact closure monitoring
- HVAC steering
- PV power management

**Features**

- 8x Dry Contact Inputs
- 8x Relay Outputs NO and NC
- Automatically detected by Barionet M series
- Connected and powered over USB
- 11x Status LEDs
- IOs automatically appear in the head-end unit as part of the file system

# Technical Specifications

**Operation System**

- Extension to the head unit's Linux file system

**Host Interface**

- 1 x USB Type B

**I/O Interface**

- 8 x Relay Outputs (30VDC, 1A) NO and NC
- 8x Dry contact inputs (0 -15V)

**Compatibility**

- Compatible with Barionet M series
  NOT compatible with Barionet 50, 100, 400, 1000

**Power Requirements**

- 5V on USB: 2.5W (max)

**LEDs**

- Power
- (8x) Input contact closures
- (2x) Relay Outputs (#1 and #2)

**Buttons**

- Reset button to perform HW reset of the MCU board on UX8
- DIP Switch used to set the unit's address to the head end Barionet

**Size**

- 4.05" x 3.35" x 1.22" / 105mm x 85mm x 31mm

**Weight**

- 150g

**Warranty**

- Two years

**Package Content**

- Barix UX8 device
- 4x 6-pin female terminal block
- 2x 8-pin female terminal block
- Rail spring adaptor
- USB A to USB B cable
- Sticker with Mac Address and password inf

## Environmental

**Operating Environment**
0 to +50°C / 32 to 122°F
0 - 70% relative humidity, non-condensing

**Storage Conditions**
-20 to +70°C / -4 to 158°F
0 - 70% relative humidity, non-condensing

## Certifications

CE, RoHS, FCC

## Ordering Information

2023.9425P Barionet UX8

For commercial related questions (distributors contacts, price list, business opportunities) please contact: sales@barix.com

For technical inquiries (problem reports, request for documentation, etc.) please contact: support@barix.com

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