

UX115

Installation Guide



UX115 Installation Guide
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This guide is the primary source of information for setting up and installing the UX115 device.

Audience

This guide describes the unit's features and provides the basic information for its installation and configuration.

Organization

This guide is organized as follows:

[Chapter 1, Device Overview](#). Provides an overview of the UX115 device.

[Chapter 2, Setup](#). Explains the setup and installation of the device, selecting a location, and establishing connections with other devices.

[Chapter 3, Specifications](#). Discusses the power requirements and dimensions of the device.

[Chapter 4, Maintenance and Cleaning](#). Explains the maintenance of the device.

[Chapter 5, Service and Support](#). Provides information on contacting your Verifone service provider and information on how to order accessories or documentation from Verifone.

[Chapter 6, Troubleshooting Guidelines](#). Provides troubleshooting guidelines should you encounter a problem with unit installation and configuration.

[Appendix 7, Port Pinouts](#). Shows the different pinout specifications for the UX115 device.

Related Documentation

To learn more about the UX115 device, refer to the following set of documents and their associated Verifone Part Numbers (VPNs).

UX115 Certifications and Regulations Sheet VPN DOC159-011-EN

UX115 Quick Installation Guide VPN DOC159-012-EN




Conventions and Acronyms

This section describes the conventions and acronyms used in this guide.

Document Conventions

Various conventions are used to help you quickly identify special formatting. Table 1 describes these conventions and provides examples of their use.

Table 1 Document Conventions

Convention	Meaning	Example
Blue	Text in blue indicates terms that are cross referenced.	See Conventions and Acronyms .
NOTE 	The pencil icon is used to highlight important information.	If exchanging cables use a Verifone-approved cable.
CAUTION 	The caution symbol indicates possible hardware or software failure, or loss of data.	Avoid placing metallic objects at the front of the card reader
WARNING 	The lightning symbol is used as a warning when bodily injury might occur.	For safety, do not string cables or cords across a walkway.

Acronym Definitions

Various acronyms are used in place of the full definition. Table 2 presents acronyms and their definitions.

Table 2 Acronym Definitions

Acronym	Definitions
MRA	Merchandise Return Authorization
VPN	Verifone Part Number
RF	Radio Frequency
RJ45	Registered Jack 45 modular connector
COM	Communications port
LAN	Local Area Networks
RS-232	Recommended Standard 232
OTG	On-The-Go
USB	Universal Serial Bus



Device Overview

This chapter provides a brief description of Verifone's UX115 devices.

The UX115 Auxiliary display is a UX family device used in various unattended scenarios including drive-through, vending, ticketing, parking and petrol station.

Features and Benefits

It can be operated as a companion device to display information from a payment device and can be connected by USB or Ethernet.

The UX115 can display static images such as line items from an order, the total amount of an order, QR codes, pictures or video clips.

Ease of Use

The following features of the device simplify transactions in various environments:

- Designed for indoor and outdoor use.
- Various connectivity options integrated into the device to conveniently suit most unattended environments.
- Connects with UX300, UX301, UX410 and Verifone unattended POS terminals.
- UX115 design supports payment transactions in a variety of payment situations, such as transportation, vending, and kiosk environments.

Setup

This chapter describes the setup procedure for the UX115 in the following sections:

- Selecting Unit Location
- Unpacking the Shipping Carton
- Mounting the UX115
- Connecting UX115 to a Controlling Device
- Connecting Power Supply
- Grounding UX115 Device

Selecting Unit Location

Use the following guidelines when selecting a location for the UX115 device:

- Select a location convenient for the customer.
- Avoid dusty, hot or damp locations.



WARNING *Pour la sécurité, ne sont pas des câbles à cordes ou des cordons de votre armoire d'installation ou de logement à travers une passerelle.*

For safety, do not string cables or cords from your installation cabinet or housing across a walkway.

Environmental Factors

The UX115 is sealed to IP65 rating when mounted correctly in an enclosure.

Unpacking the Shipping Carton

Open the shipping carton and carefully inspect its contents for possible tampering or shipping damage.

To unpack the shipping carton

- 1 Validate the authenticity of the sender by verifying the shipping tracking number and other information located on the product order paperwork.
- 2 Remove the items from the shipping carton. The standard package contains:
 - The UX115 unit
 - Grounding strap
 - USB cable

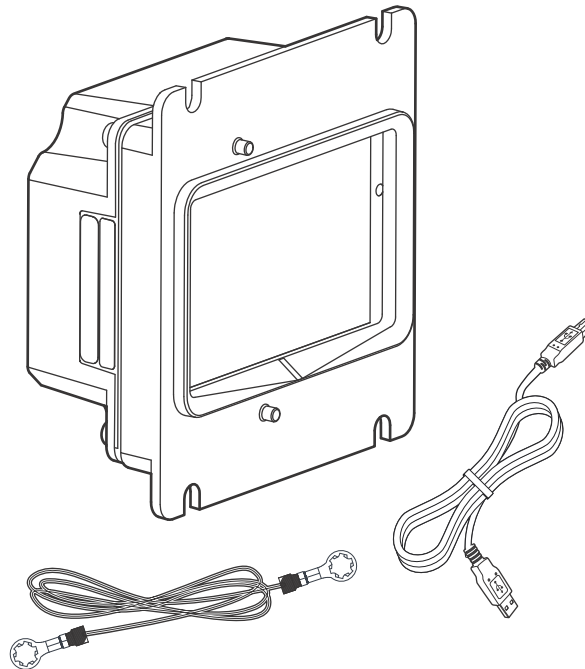


Figure 1 UX115 Device

- 3 Remove any protective wrap before mounting the unit.
- 4 Save the shipping carton and packing material for future repacking or moving of the device.

WARNING *Ne pas utiliser un appareil qui a été endommagé.*



Si une étiquette ou d'un composant semble endommagé, se il vous plaît aviser la compagnie de navigation et votre fournisseur de services Verifone immédiatement.

Do not use a unit that has been damaged.

If a label or component appears damaged, please notify the shipping company and your Verifone service provider immediately.

UX115 Connections Ports

The UX115 features the following ports:

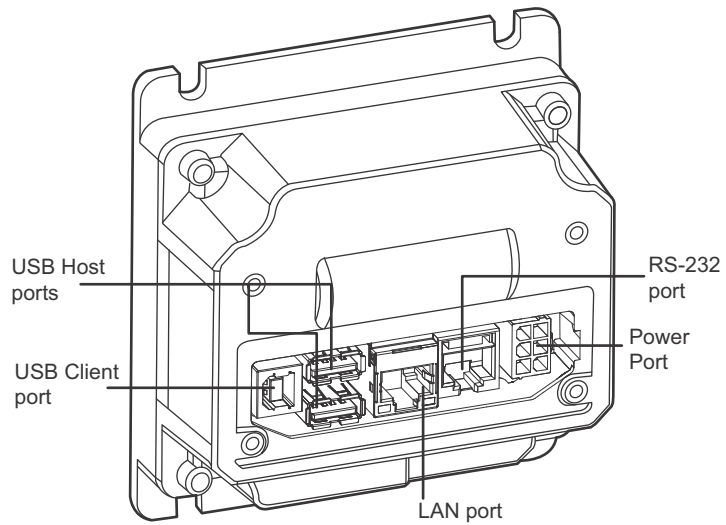


Figure 2 UX115 Connection Ports

- USB device (Type B) [client]
- 2x Powered USB (Type A) Ports
 - 1 x Full Speed, High Powered USB (Type A), Port 1 [Host]
 - 1 x Powered USB (Type A), Port 2 [OTG]
- Power port 12V DC to 24V DC
- LAN
- COM1 (RS-232)

Mounting the UX115

This section shows how to attach the UX115 device to the installation panel for stability and security.

Use the following steps to install the UX115 device:

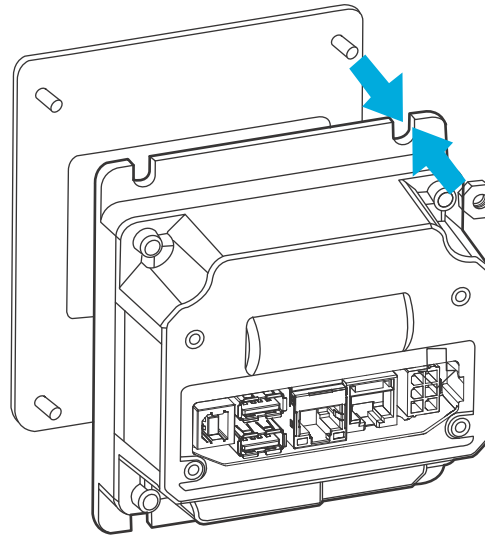


Figure 3 Mounting the UX115 device

- 1 Align the UX115 device mounting holes to the installation panel holes.
- 2 Insert four bolts and tighten the nuts using a recommended tightening torque of 5.0 kgf cm (0.49 Nm or 4.3 lbf in).

Connecting UX115 to a Controlling Device

The UX115 device can be controlled directly using USB or indirectly using Ethernet.

This section discusses how to connect the UX115 device to a controlling device.



NOTE The UX300 host device installs the USB device driver automatically. The USB data is encrypted with authentication upon startup.

To connect to a controlling device through a USB

- 1 Connect the USB Type B plug to the rear connector of the UX115 device.

