Site Preparation

NCR SelfServ™ 75 (7705) Kiosk

Release 1.2

NCR VOYIX

B005-0000-2391
Issue E

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To maintain the quality of our publications, we need your comments on the accuracy, clarity, organization, and value of this book. Please use the link below to send your comments.

EMail: FD230036@ncr.com

Preface

Audience

This book is written for hardware installer/service personnel, system integrators, and field engineers.

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Safety Requirements

The *NCR SelfServ™ 75 (7705)* conforms to all applicable legal requirements. To view the compliance statements see the *NCR SelfServ™ Kiosks Safety and Regulatory Information* (B005-0000-2063).

Caution: The on/off switch is a logic switch only. The AC line voltage primaries are live at all times when the power cord is connected. Therefore, disconnect the AC power cord before opening the unit to install features or service this terminal.

Lithium Battery Warning

Warning: Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type as recommended by the manufacturer. Discard used batteries according to the manufacturer's instructions.

Attention: Il y a danger d'explosion s'il y a remplacement incorrect de la batterie. Remplacer uniquement avec une batterie du même type ou d'un type recommandé par le constructeur. Mettre au rébut les batteries usagées conformément aux instructions du fabricant.

Battery Disposal (Switzerland)

Refer to Annex 4.10 of SR814.013 for battery disposal.

IT Power System

This product is suitable for connection to an IT power system with a phase-to-phase voltage not exceeding 240 V.

Peripheral Usage

This terminal should only be used with peripheral devices that are certified by the appropriate safety agency for the country of installation (UL, CSA, TUV, VDE) or those which are recommended by NCR Corporation.

Warning: DO NOT connect or disconnect the transaction printer while the terminal is connected to AC power. This can result in system or printer damage.

Warning: DO NOT connect or disconnect any serial peripherals while the terminal is connected to AC power. This can result in system or printer damage.

Grounding Instructions

In the event of a malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This product is equipped with an electric cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into a matching outlet that is properly installed and grounded in accordance with all local codes and ordinances. Do not modify the plug provided – if it will not fit the outlet, have the proper outlet installed by a qualified electrician. Improper connection of the equipment-grounding conductor can result in a risk of electric shock.

The conductor with insulation having an outer surface that is green with or without yellow stripes is the equipment-grounding conductor.

If repair or replacement of the electric cord or plug is necessary, do not connect the equipment-grounding conductor to a live terminal. Check with a qualified electrician or service personnel if the grounding instructions are not completely understood, or if you are in doubt as to whether the product is properly grounded.

Use only 3-wire extension cords that have 3-prong grounding plugs and 3-pole receptacles that accept the product's plug. **Repair or replace damaged or worn cords immediately.**

Warranty

Warranty terms vary by region and country.

All parts of this product that are subject to normal wear and tear are not included in the warranty. In general, damages due to the following are not covered by the warranty.

- Improper or insufficient maintenance
- Improper use or unauthorized modifications of the product.
- Inadequate location or surroundings. Site installation must conform to guidelines listed in this publication and the *NCR Workstation and Peripheral AC Wiring Guide* (BST0-2115-53).

For detailed warranty arrangements please consult your contract documents.

References

- *NCR SelfServ™ 75 (7705) Hardware Installation Guide* (B005-0000-2392)
- *NCR SelfServ™ 75 (7705) Operator Guide* (B005-0000-2393)
- *NCR SelfServ™ 75 (7705) Service Guide* (B005-0000-2397)
- *NCR SelfServ™ 75 (7705) Parts Identification Manual* (B005-0000-2390)
- *NCR SelfServ™ Kiosks Safety and Regulatory Information* (B005-0000-2360)
- *NCR Workstation and Peripherals AC Wiring Guide* (BST0-2118-82)
- *NCR Ethernet Communications Wiring Guide* (BST0-2118-82)
- *NCR SelfServ™ Checkout Profiile Manager Lite User Guide for ADD 3.x* (B005-0000-2279)

Table of Contents

Revision Record

Issue	Date	Remarks
A	Mar 2015	First Issue
B	May 2016	Updated for R1.1
C	Oct 2017	Updated with Sidecar information.
D	Nov 2018	Added UX400 NFC Reader
E	Nov 2024	Removed OBF Updated links Rebranded to Voyix template

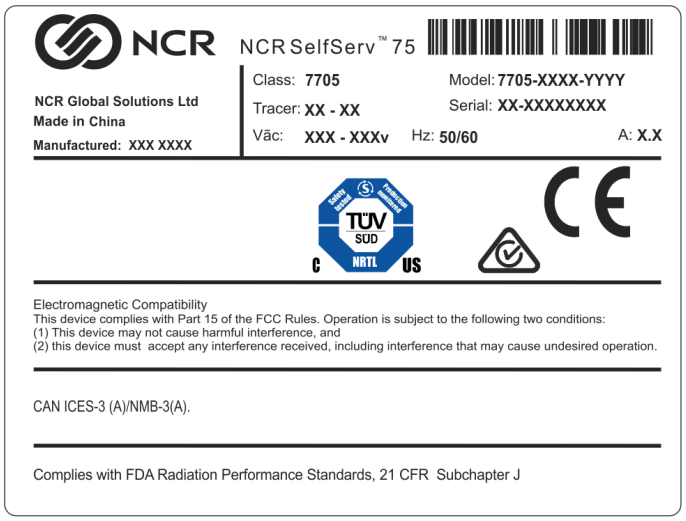
Site Preparation

The NCR SelfServ 75 is an interior Kiosk that provides self-service functions in retail and telecom environments. It supports cash, debit, credit, and check bill payment, SIM card dispensing, and customer service functions.

This document provides the information necessary to prepare a site to NCR specifications before installing an NCR SelfServ 75 (7705) Kiosk. The installation site must be properly prepared before the Kiosk is installed as site preparation deficiencies may be difficult to detect and correct after installation.

Product Identification

The illustration shows the typical layout of the product identification label which is fixed inside the Kiosk.



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The product is identified by a class and a 12-digit model number. The serial number is unique to each Kiosk. The tracer number is used to identify where the Kiosk was built.

Please quote all of the serial and tracer numbers, including the prefix, when making reference to the Kiosk.

Electrical rating information is also shown on the product label.

Customer Responsibilities

The customer must do or provide the following:

- When required by NCR, provide the NCR customer service representative with appropriate drawings that indicate:
  - Location of the equipment
  - Site wiring (power and signal, paths and lengths)
  - Location of other equipment capable of generating electrical noise, electromagnetic interference, heat, etc.
- Make building alterations necessary to meet wiring and other site requirements.
- Provide and install all communications cables, wall jacks, special connectors, and associated hardware.
- Provide and install necessary power distribution boxes, conduits, grounds, lightning protection, and associated hardware.
- Make sure all applicable codes, regulations and laws (including, but not limited to, electrical, building, safety, and health) are met.
- Provide and install auxiliary power or other equipment as required.
- Provide storage or service areas as required.
- Make sure the environmental requirements of the system/unit are met.
- Provide floor coverings and environmental systems that limit or control static electricity build-up and discharge.
- Install the product at a height which meets the accessibility regulations of the relevant country.
- Voltage transients, line noise, surges, sags, impulses, and spikes may be experienced routinely or sporadically. When such phenomena occur, the use of protective devices, as described in this book, should be used to ensure proper operation of the equipment.
- It is the responsibility of the customer to assure that all installation preparations are complete and in compliance with NCR specifications and requirements and with all national, state or local telephone and telegraph regulations and laws.
- In general, keep the NCR equipment area free from dust, smoke, lint, and other particles. Restrict smoking, eating, and drinking around the equipment. Avoid locating the equipment near other machines that generate ink, carbon, and paper dust particles.

Third Party Peripheral Certification

Third party peripherals must be certified with the NCR SelfServ 75 (7705) or a potential ESD issue can occur. Third party peripherals include any electrically powered devices connected to the kiosk that are not an NCR branded product or a certified solution advocated by NCR. Examples of third party products include PIN pad devices, printers, external CD–ROM drives, and so forth.

Peripherals tend to be less sensitive to electrostatic damage when directly grounded through their power cords. If the peripheral is powered by the terminal and has no dedicated ground, then all of the ESD energy is coupled into the port connection. Some devices may require the use of an in–line galvanic isolator/ surge protector in order to prevent problems.

The NCR TPP/SCER process is designed to evaluate third party peripherals and determine whether additional protective devices are needed.

The *NCR Workstation and Peripherals AC Wiring Guide* (BST0–2115–53) document contains additional information on this subject.

Heat Dissipation

The NCR SelfServ product range is a flexible hardware platform. NCR recommends that actual power measurements are taken and used to establish the heat dissipation for specific hardware configurations. These measurements should include any custom or third party features.

Where specific measurements are not available then, as a guide, 760 KJ/hour can be used as an indicative heating load. This figure is based on an Kiosk in idle mode, with a medium to high feature functionality configuration.

Heat dissipation figures are largely unaffected by transactional rates.

Site Requirements

Positioning the Kiosk

The NCR SelfServ 75 Kiosk is only suitable for installation in an interior environment.

The Kiosk must be positioned away from heat sources or any air conditioning equipment.

Bright lights and windows behind the user may degrade camera performance. Position the Kiosk away from direct sunlight.

Allow sufficient room for installation and servicing requirements.

Caution: Any surround or enclosure that sits on top of the Kiosk must be self supporting.

Floor

The Kiosk must be installed on a level, even, concrete or other noncombustible surface. In locations where the floor may be uneven, it is recommended that a steel plate is used under the Kiosk.

An antistatic floor covering should be used and must be of a type that will not generate dust or fluff.

The Kiosk must be installed on a floor capable of supporting the maximum weight including media. Only the maximum weight should be considered as additional options may be added after installation. Floor loading is calculated by dividing the maximum weight of the Kiosk by the surface area of the Kiosk base in contact with the floor.

Doorways and Corridors

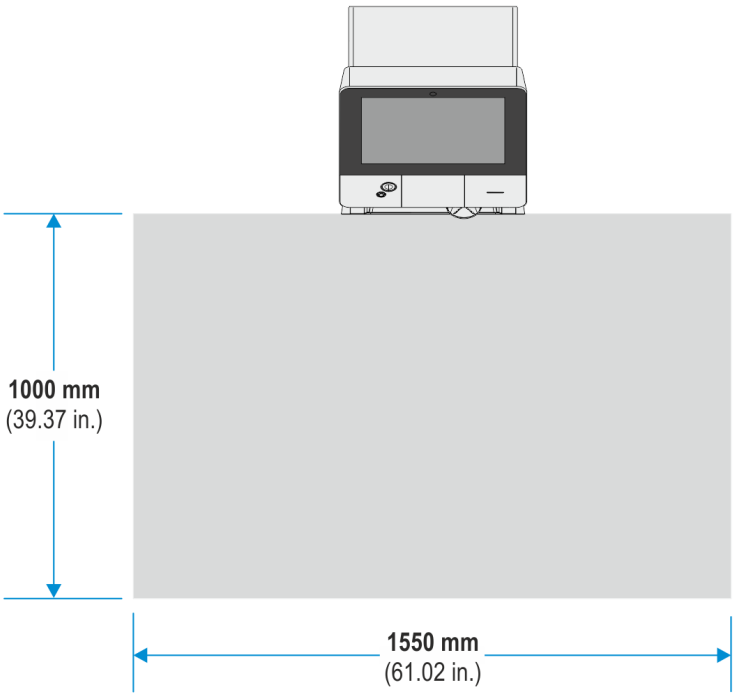
Make sure that doorways and corridors leading to your point of installation are wide enough to allow the package to pass through, or make arrangements to unpack the Kiosk and remove it from the palette in an area with sufficient access then move it to the installation site.

Make sure that any corridors can support the weight of the Kiosk, including all packaging and the pallet.

Lighting

Ambient Lighting

If the Kiosk is fitted with a camera, it is strongly recommended that there is a minimum of 50 lux lighting at floor level within the area illustrated below.



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Task Lighting

A minimum of 200 lux is required for task lighting.

Barometric Pressure

- Operating/Transit Limits: 105 kPa (15.2 lb.F/in.) to 70 kPa (10.2 lb.F/in.)
- Equivalent Altitude: Up to a maximum of 3000 m (9842.52 ft)

Temperature and Humidity

Continuous operating at or near the range limits, or in a location where the temperature and humidity change beyond the specification, should be avoided.

Normal Operating Range

- Temperature (dry bulb): 10oC to 40oC (50oF to 104oF)
- Relative Humidity: 20% to 80%
- Dew Point Temperature Restriction: 26oC (79oF) maximum

Storage Range (Up To Three Months)

- Temperature: -10oC to 50oC (14oF to 122oF)
- Relative Humidity: 10% to 90%

Transit Range (Up To One Week)

- Temperature (see Note): -40oC to 60oC (-40oF to 140oF)
- Relative Humidity: 5% to 95%

Note: If an uninterruptible power supply (UPS) is fitted to the Kiosk, the temperature during transit should not drop below -15oC (15oF).

Extreme Power On Range (Up To One Hour)

- Temperature: 0oC to 45oC (32oF to 113oF)
- Relative Humidity: 10% to 95%

Power Requirements

AC Power Requirements

The maximum current requirements are:

- 10A at 120V
- 6.3A at 230V

On start-up, PSU inrush current are:

- 17A at 100V
- 34A at 200V

NCR does not recommend running a Kiosk with deposit devices without an Uninterruptible Power Supply (UPS). Without a UPS, there is the potential for customer's cash to be retained in the device if there is a power failure.

Input Voltage

The Kiosk can operate from the following input mains voltages:

- 90V to 136V at 50/60Hz
- 180V to 264V at 50/60Hz

Grounding

The Kiosk operates from a single phase, 3 wire supply: live, neutral and ground.

The Kiosk power requirements will normally permit it to operate within existing wiring configurations and from existing mains outlets provided that:

- the branch circuit of the distribution panel supporting the Kiosk is not also used to support equipment with heavy inductive loads such as air conditioners or AC motors.
- other branch circuits on the same distribution panel do not support such equipment.
- the installation meets or exceeds the regulatory and local guidelines with regard to electrical safety and all conductor sizing.

The normal and safe operation of this Kiosk is dependant on the above. Only qualified personnel that meet local certification standards should be permitted to ensure compliance.

Note that the building ground point can also affect data integrity. For additional information refer to the *Data Line Transient Protection* section.

AC Power Line Transient Protection

In the process of power distribution, transient electrical energy (including, but not limited to, lightning strikes, intermittent short circuits, and switching transients) can be introduced on to power lines. Such transient energy can be very damaging to electronic hardware and can also cause data corruption. Under these circumstances, NCR recommends the use of AC power transient suppressors and data (communication) line transient suppressors. Such protective devices are intended to guard against power and data line transients that can result in hardware damage and various system or program errors.

Improvement of any deficiencies in power quality is a customer responsibility. Malfunction and/or component failure as a result of power quality problems are/is not covered by NCR Corporation Maintenance Agreement. NCR accepts no liability for any such occurrence nor for its consequences.

When power transient suppression is required, the suppressors used should meet the following minimum requirements:

- Dissipate energy to match the appropriate application categories as defined by ANSI/IEEE Standard C62.41, Guide on Surge Voltages in Low-Voltage AC Power Circuits.
- Be of the voltage limiting (clipping), or tracking filter type. The suppressor must not 'clamp' the voltage to zero, and must self-recover after the passage of the transient. The suppressor may be of the hybrid type construction that makes use of various technologies in order to meet speed and dissipation requirements.
- Exhibit a 'short circuit' mode upon its failure, thus providing a positive indication of its failure such as a blown fuse or tripped breaker
- Be listed by the accepted safety organization for the country involved (e.g. UL, CSA, VDE, ETL, etc.) and the installation must conform to local, state, and national electrical codes and regulations.

Data Line Transient Protection

Voltage transients, line noise, surges, sags, impulses, and spikes may be experienced routinely or sporadically. When such phenomena occur the use of protective devices may be required to ensure proper operation of the equipment.

It is the responsibility of the customer to install and connect a data line transient suppression system to correct or prevent any deficiencies. Such systems must meet the following minimum requirements:

- Be of the self-recovering voltage limiting type. Exhibit a 'short circuit' mode upon its failure to ensure a positive indication of its failure. Insert minimum inductive and capacity loading at the operating frequency. Be installed in accordance with all applicable local, state, and national electrical codes and regulations.
- Protect the data port from damage in the presence of a data line transient event as defined in IEC Standard 1000-4-5 (formerly IEC 801-5).

Transient Protection Products

NCR provides a full range of both AC power and data line transient surge suppressors to protect your Kiosk. For more information, please contact NCR Site Preparation Services.

Cable Requirements

NCR supplies a power cable for the Kiosk. Other external cables are not supplied. Specifications for these cables are given in this section.

It is the customer's responsibility to have any required external cables installed and to make sure that all cable preparations comply with NCR specifications as well as all national, state or local telephone and telegraph regulations and laws.

AC Power Cable

The NCR SelfServ 75 (7705) Kiosk is supplied as either a 120V or 220–240V unit. The customer must provide suitable AC power to the Kiosk and any associated equipment and devices. The AC outlet must be installed near the Kiosk and easily accessible to the operator.

NCR recommends a dedicated unswitched power line dedicated to the NCR equipment installation, refer to the *NCR Workstation and Peripherals AC Wiring Guide* (BST0–2115–53) for detailed AC wiring requirements.

120V Terminals are supplied with a power cable fitted with a NEMA type 5-15P power source connector. 220V -240V Terminals are supplied with corporate AC power cables with country specific power source connectors.

The length of the power cables that are available are in the tables below. If it is necessary to increase the length to meet site requirements, then the extension must satisfy local or country regulations.

Warning: This equipment must be earthed.

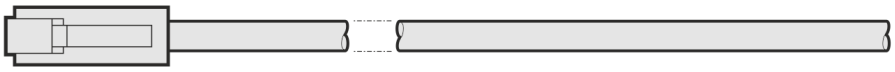
120V System Voltage AC Power Cord	
	Cable Length
With UPS	**1.9 m** (6.2 ft.)
Without UPS	**3 m** (9.8 ft.)

220-240V System Voltage AC Power Cables (with or without UPS)		
Country	**Cable Length**	**Corporate Cable Number**
UK Power Cable	**2.6 m** (8.5 ft.)	1416-C321-0030
Argentina IRAM Power Cable	**1.8 m** (5.9 ft.)	1416-C009-0018
International Power Cable	**2.6 m** (8.5 ft.)	1416-C323-0030
Australia Power Cable	**3.0 m** (9.8 ft.)	1416-C322-0030

220-240V System Voltage AC Power Cables (with or without UPS)		
Country	**Cable Length**	**Corporate Cable Number**
SEV Power Cable	**2.6 m** (8.5 ft.)	1416-C320-0030
India Power Cable	**3.0 m** (9.8 ft.)	1432-C399-0030

Ethernet Standard Cable

The Ethernet standard cable (not supplied) must be fully shielded, category 5 compliant and must not exceed **97 m** (318.20 ft) in length.



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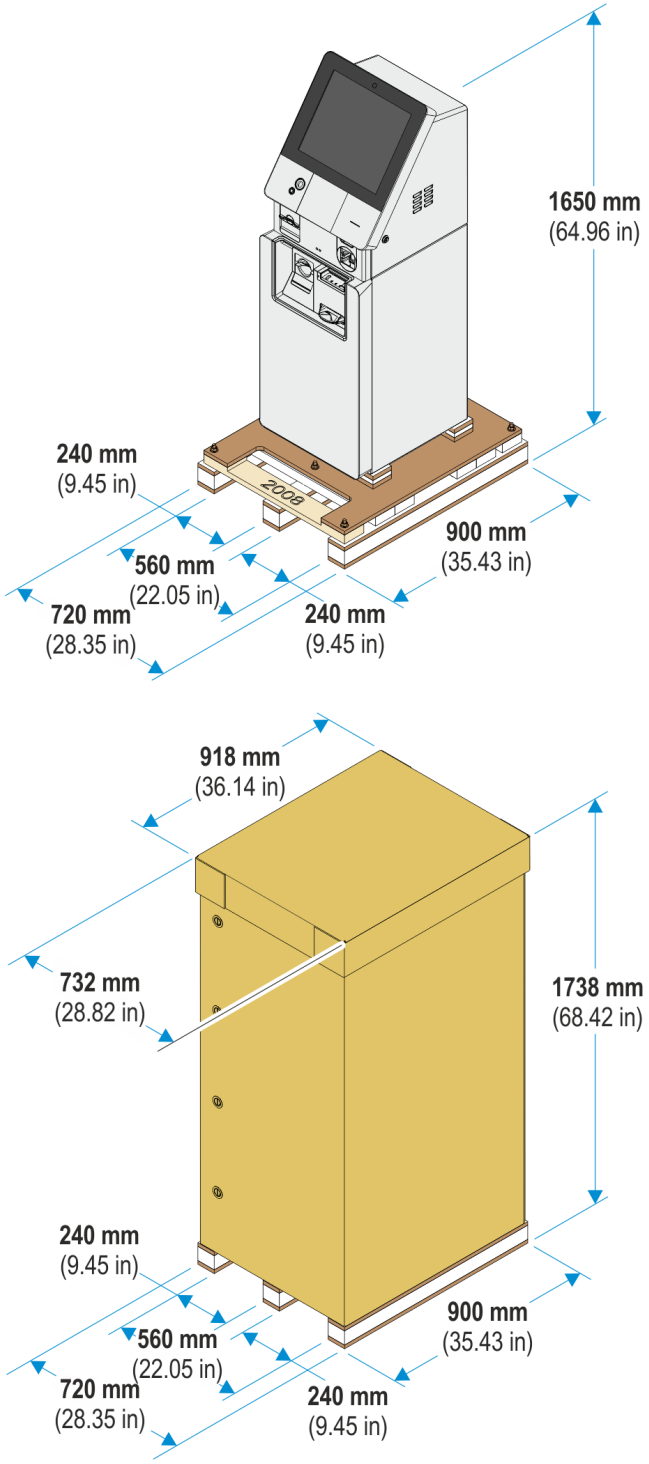
Kiosk Dimensions

Kiosk Only Packaging



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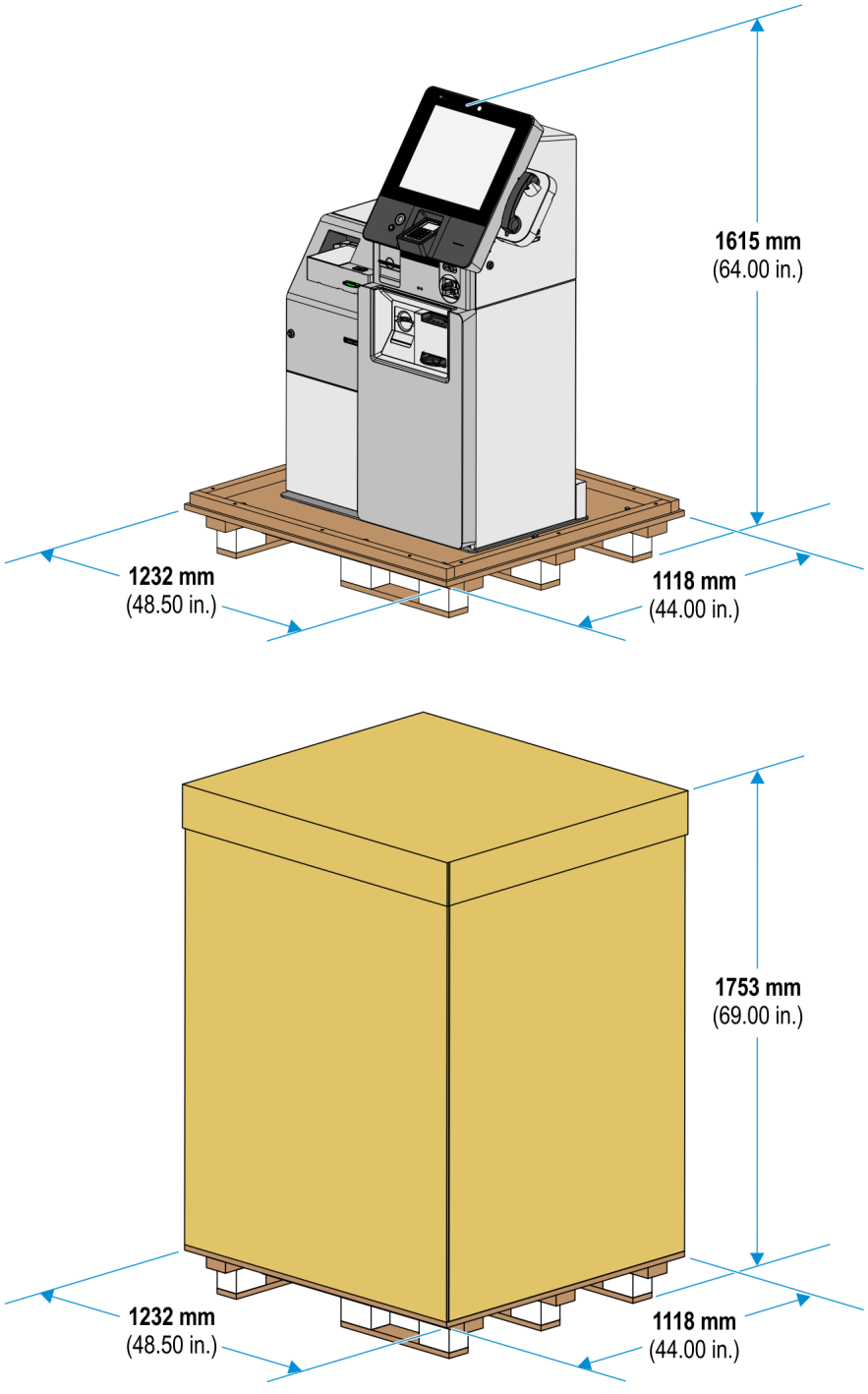
Kiosk with Sidecar Packaging



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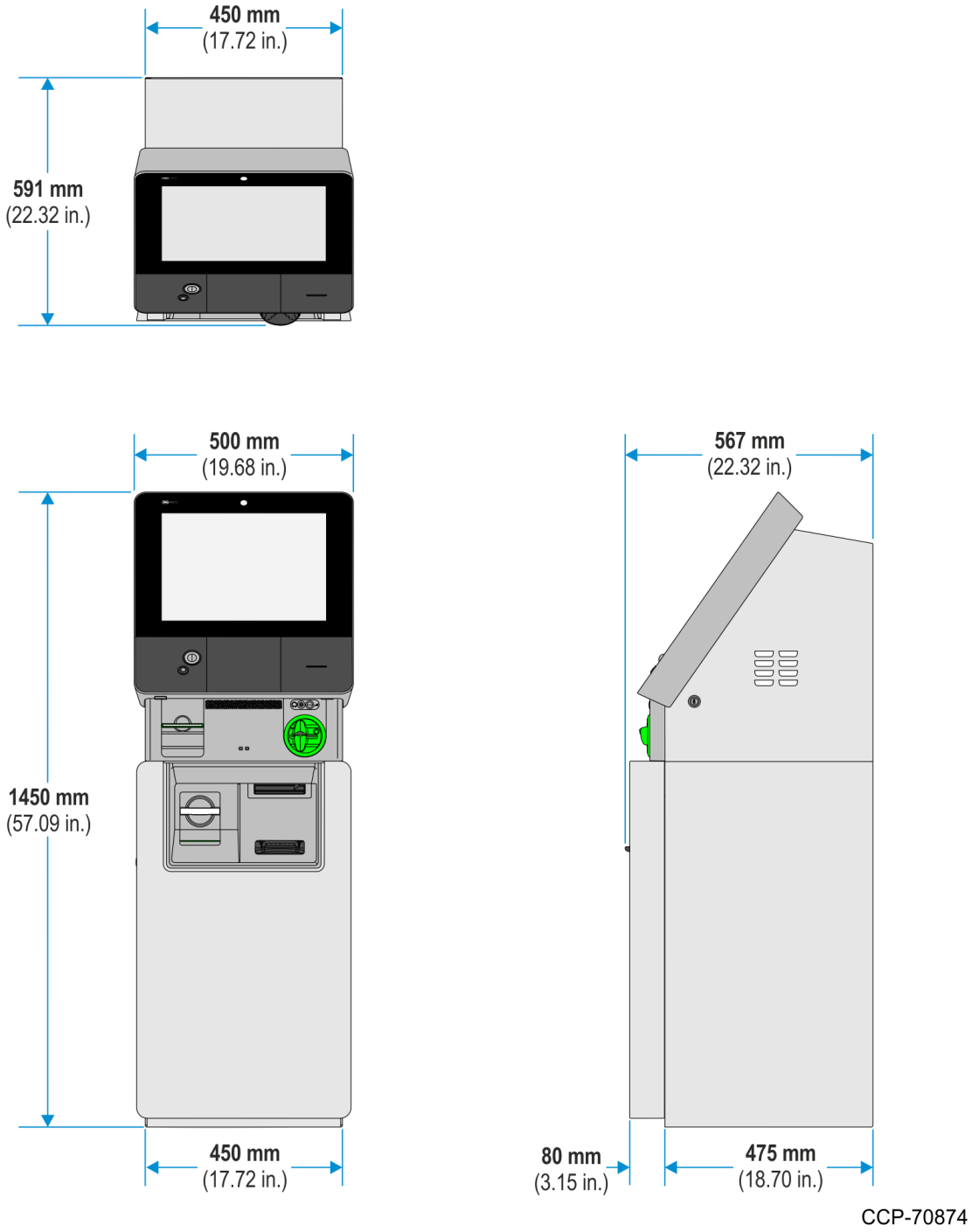
Kiosk with Sankyo Dip MSR



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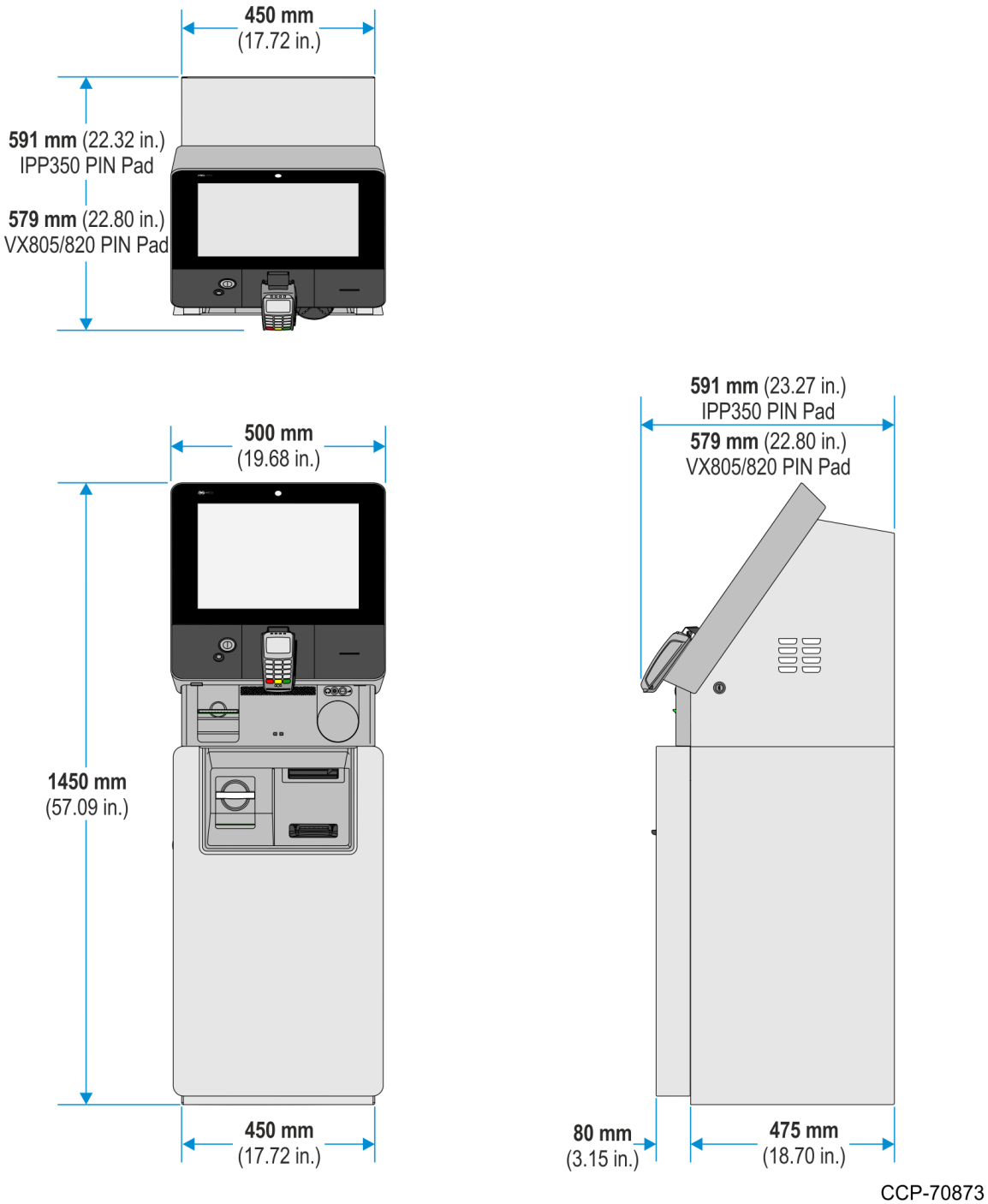
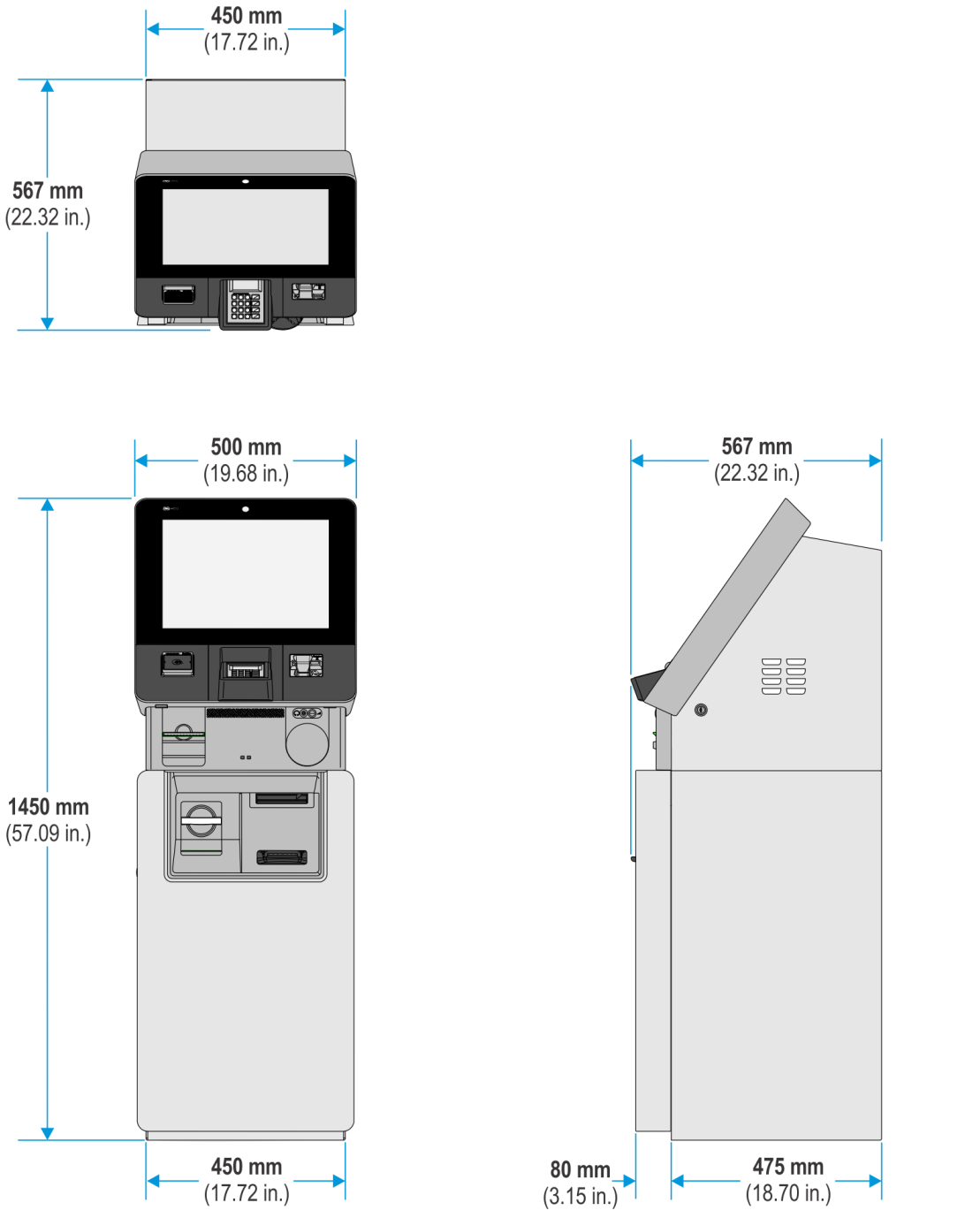
Kiosk with PIN Pad (IPP350, VX805, VX820)



Kiosk with UX100 PIN Pad, UX300 MSR, and UX400 NFC Reader



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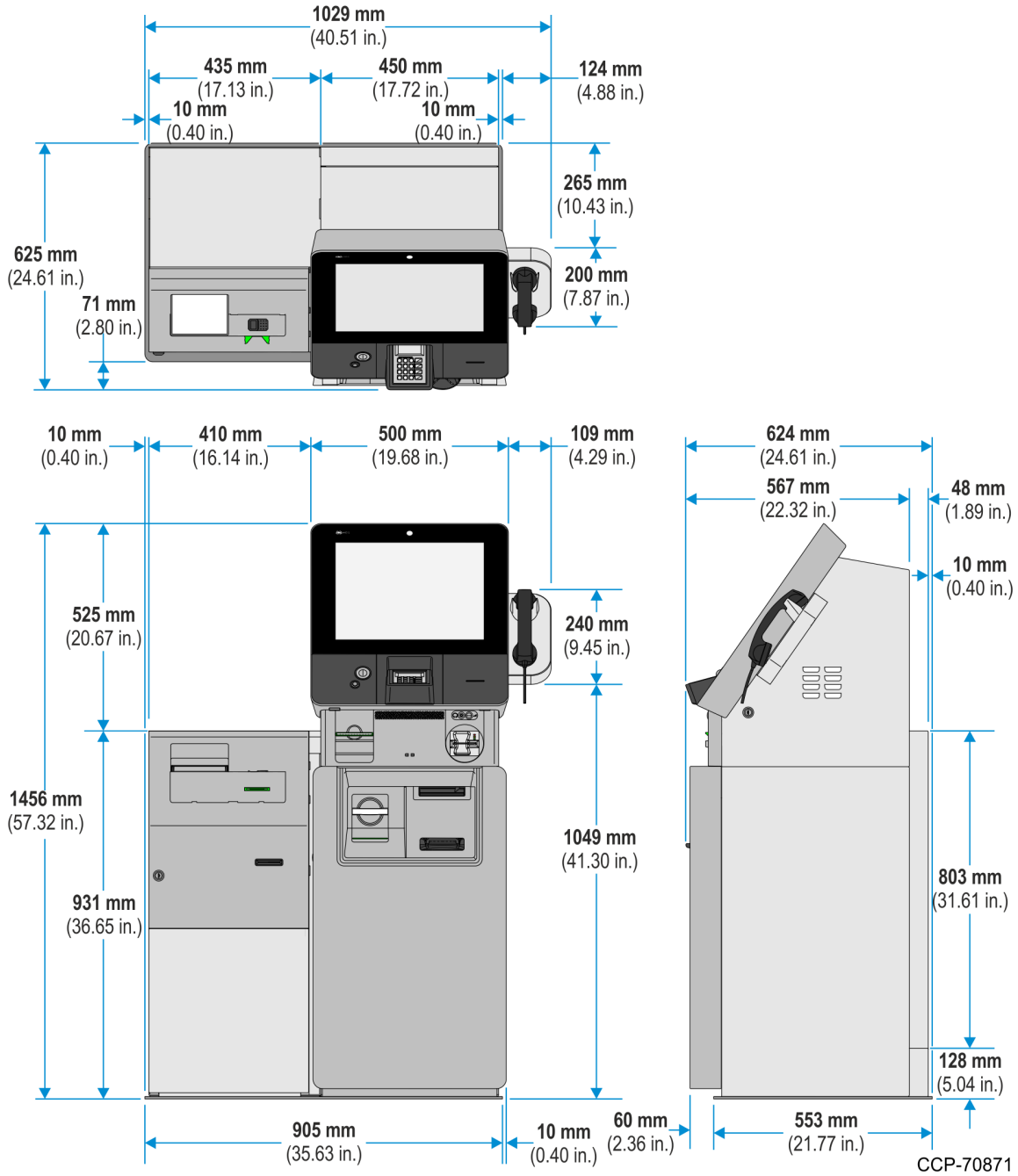
Kiosk with Sidecar



Weight and Floor Loading

	Kiosk Only		Kiosk with Sidecar	
	With Pallet	**Without Pallet**	**With Pallet**	**Without Pallet**
Maximum weight	**165 kg** (363.8 lb.	**145 kg** (319.7 lb.)	**268 kg** (591 lb.)	**260 kg** (573.2 lb.)
Floor Loading	**772 kg/m^2** (158.1 lb/ft^2)	**678 kg/m^2** (138.9 lb/ft^2)	**195 kg/m^2** (39.8 lb/ft^2)	**519 kg/m^2** (106.2 lb/ft^2)

Bolt Holes

The Kiosk Only (Bill Payment) configuration requires to be bolted to the floor in order to securely stand on its location.

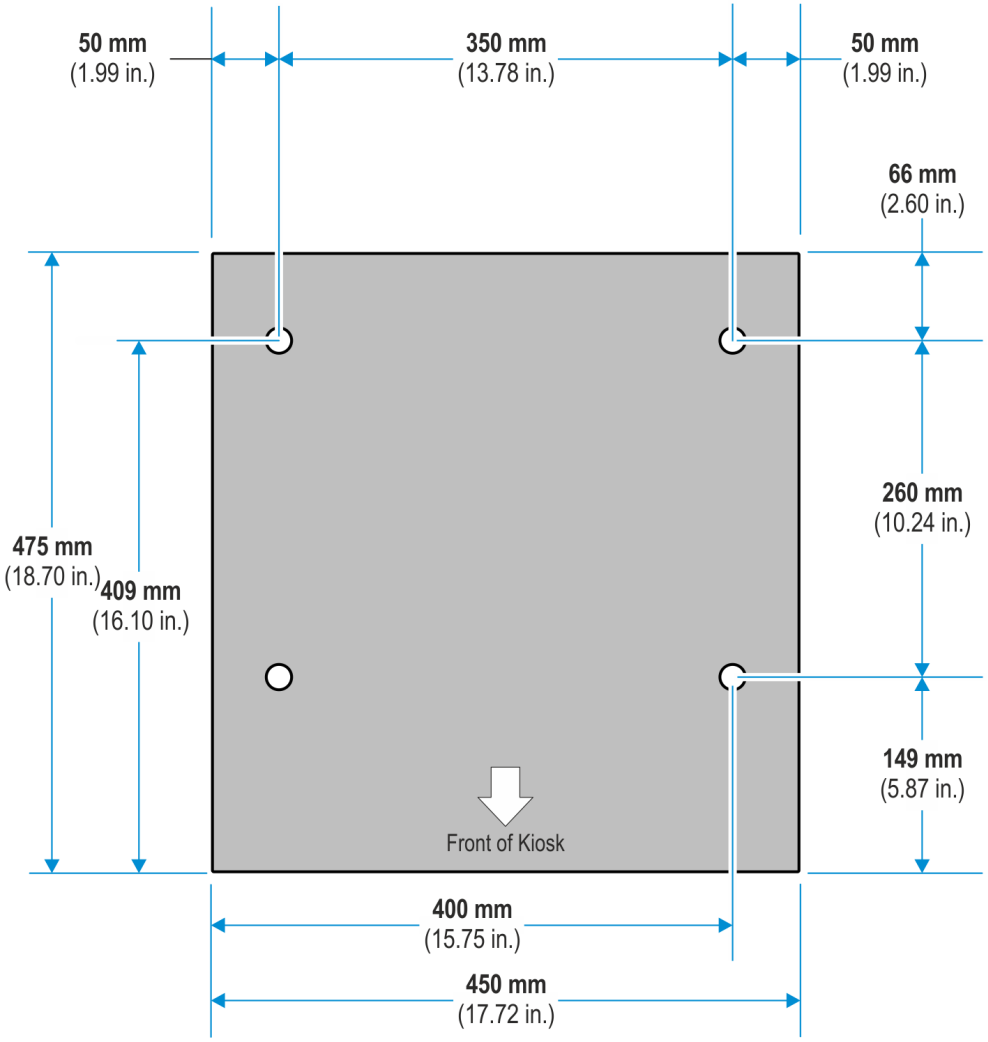
The Kiosk with Sidecar (Bill Payment and Card Dispense) configuration is free-standing and does not require to be bolted to the floor.

Refer to the following sections for information on the bolt hole locations and recommended security bolts to be used for the Kiosk:

- *Kiosk Bolt Hole Locations* on the facing page.
- *Security Bolts* on page 22.

Kiosk Bolt Hole Locations

The Kiosk should be bolted to the floor or plinth, through all the holes, using four bolts with anchor washers.



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Security Bolts

Bolts and anchors must be supplied by the owning organization.

To meet security standards the Kiosk must be bolted to the floor, through all of the bolt holes, using bolts with anchor washers as specified below. Bolts and anchor washers are to be supplied by the owning organization.

Make sure that the floor or plinth is capable of withstanding the loading imposed by the anchor points for the bolts.

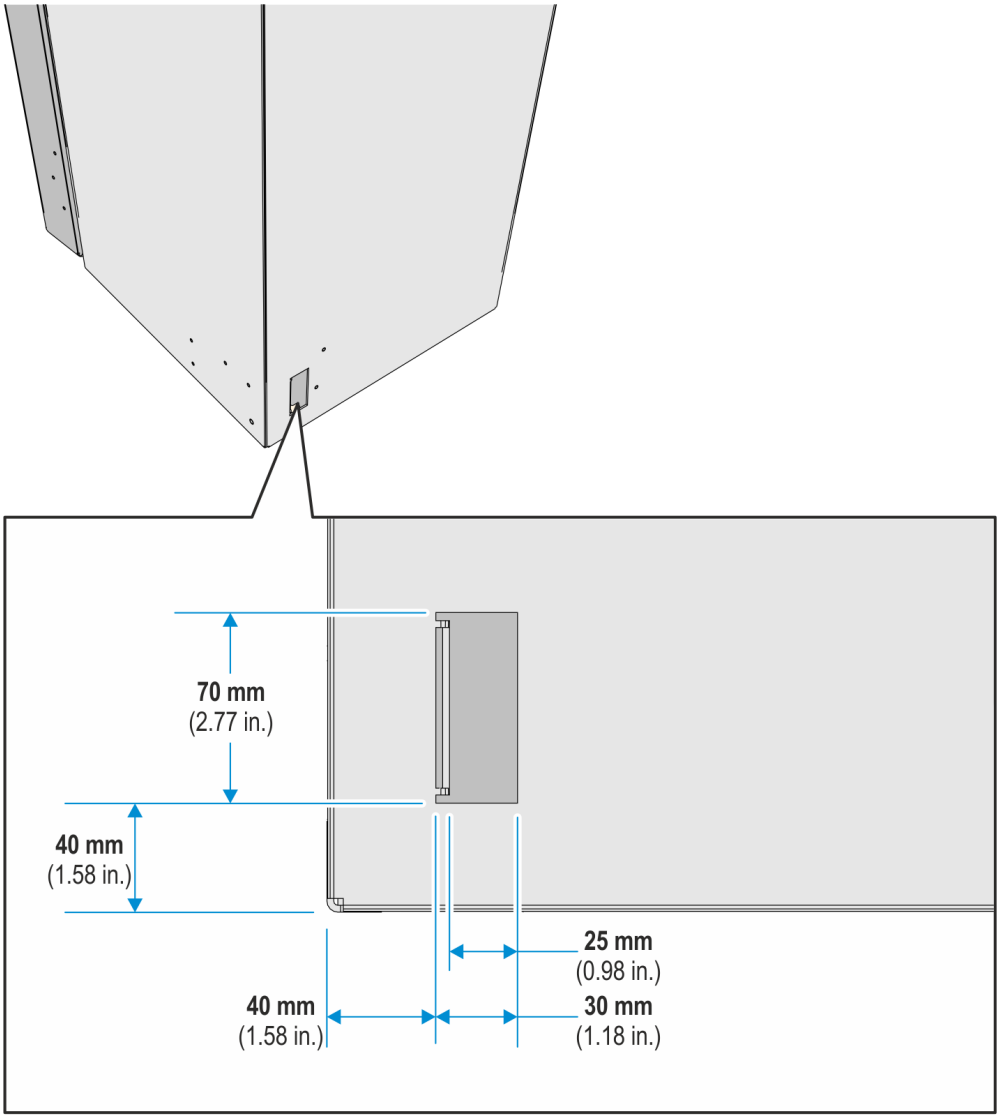
If an adjustable plinth is used, it must be bolted to the floor to the same specification as the Kiosk.

The minimum specification for bolts and washers to secure the Kiosk to a concrete floor is:

- Bolts
  - Type - either resin anchor or shield anchor bolts
  - Size - M16 (5/8 in.)
  - Minimum Length - 150 mm (5.9 in.)
  - Strength - high tensile (minimum ISO property class 8,8).
- Washers
  - Type - flat, steel (as per DIN7349 or equivalent)
  - Size - M16 (5/8 in.)
  - Outer diameter - no greater than 40 mm (1.58 in.)
  - Minimum thickness - 6 mm (0.2 in.).

Cable Entry

Kiosk



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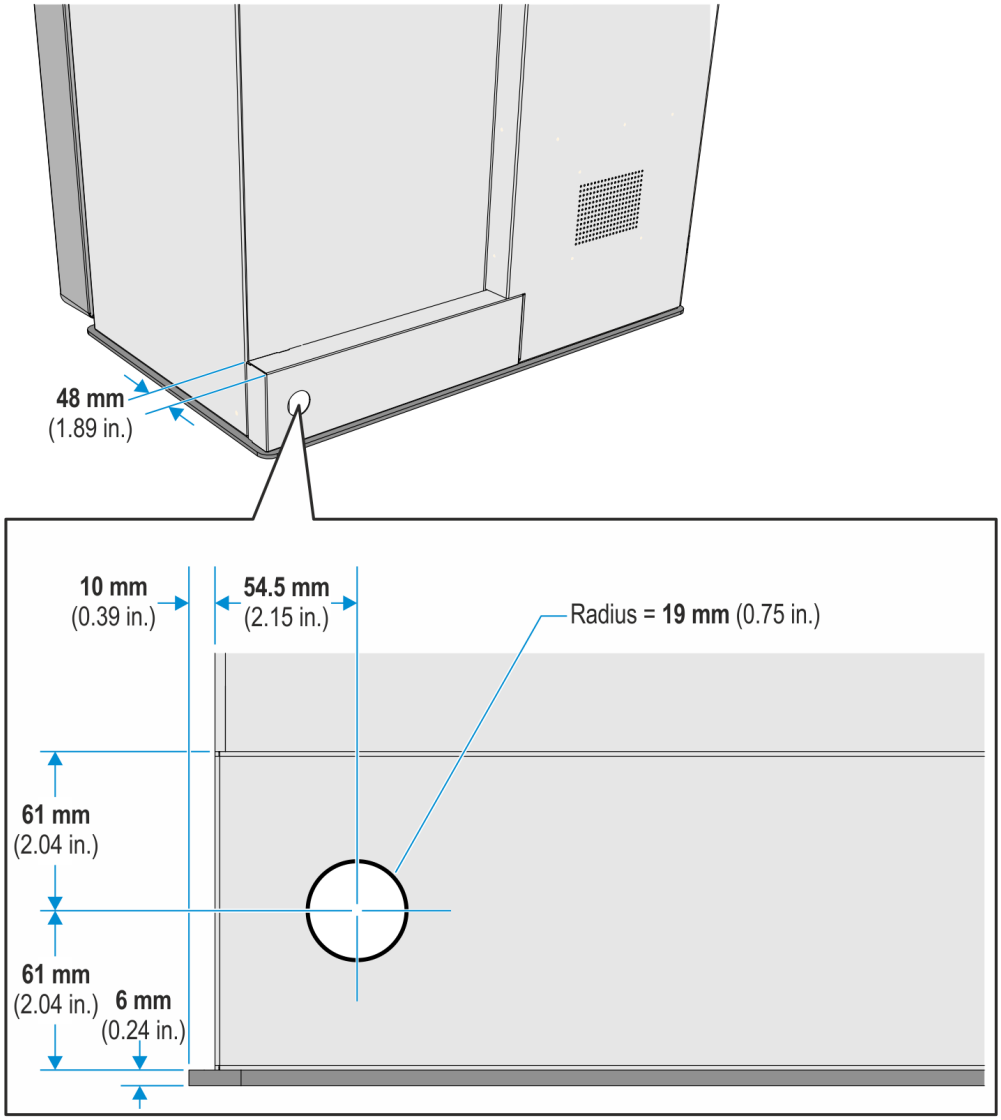
Kiosk with Sidecar



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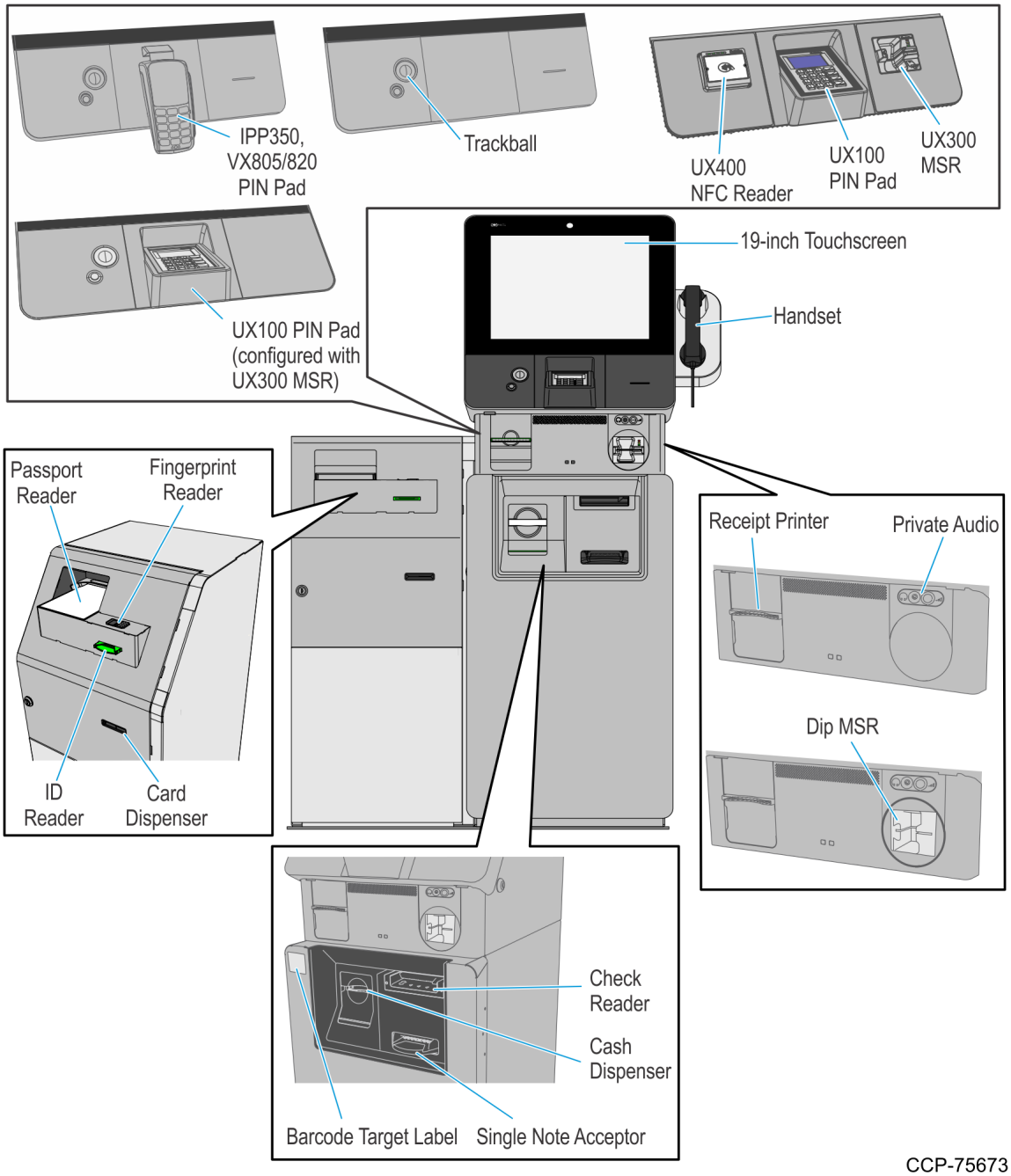
Fascia Items



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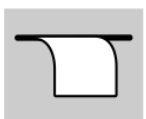
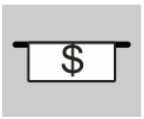
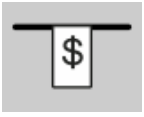
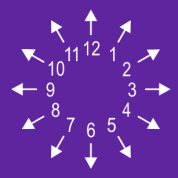
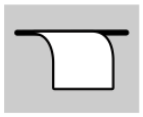
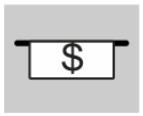
Heights and Depths

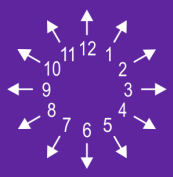
Fascia Item			Height from Base of Kiosk	Height from Base of Sidecar Base Plate	Depth from Front of Cosmetic Door
	Touchscreen/Display **483 mm** (19.0 in.)		**1402 mm** (55.20 in.)	**1408 mm** (55.43 in.)	**308 mm** (12.13 in.)
	Handset	Center of Handset	Not Applicable	**1189 mm** (46.81 in.)	**171 mm** (6.73 in.)
	NFC Reader		**1080 mm** (42.52 in.)	**1086 mm** (42.76 in.)	**47 mm** (1.85 in.)
	Trackball		**1070 mm** (42.36 in.)	**1076 mm** (42.36 in.)	**70 mm** (2.76 in.)
	PIN Pad (UX100)	Number 5 key	**1057 mm** (41.61 in.)	**1063 mm** (41.85 in.)	**48 mm** (1.89 in.)
	Dip MSR (installed on F055/K055 fascia panel)		**1056 mm** (41.57 in.)	**1062 mm** (41.81 in.)	**55 mm** (2.17 in.)
	PIN Pad (Ingenico IPP350, VX805/820)	Number 5 key	**1020 mm** (40.16 in.)	**1026 mm** (40.40 in.)	Not applicable, see note below.
	Private Audio		**966 mm** (38.03 in.)	**972 mm** (38.27 in.)	**45 mm** (1.97 in.)
	Receipt Printer		**917 mm** (36.50 in.)	**923 mm** (36.34 in.)	**50 mm** (2.09 in.)
	Dip MSR (installed on front panel)		**891 mm** (35.20 in.)	**897 mm** (35.31 in.)	**39 mm** (1.54 in.)

Fascia Item			Height from Base of Kiosk	Height from Base of Sidecar Base Plate	Depth from Front of Cosmetic Door
	Barcode Target Label		**788 mm** (31.02 in.)	**794 mm** (31.26 in.)	**0 mm** (0 in.)
	Fingerprint Reader	Center of scan area	Not Applicable	**828 mm** (32.60 in.)	**153 mm** (6.02 in.)
	Passport Reader	Center of scan area	Not Applicable	**827 mm** (32.56 in.)	**153 mm** (6.02 in.)
	ID Reader		Not Applicable	**783 mm** (30.83 in.)	**124 mm** (4.88 in.)
	Check Reader		**765 mm** (30.11 in.)	**771 mm** (30.35 in.)	**67.5 mm** (2.87 in.)
	Cash Dispenser		**720.8 mm** (27.95 in.)	**726.8 mm** (28.61 in.)	**76.5 mm** (4.02 in.)
	Single Note Acceptor		**638 mm** (25.12 in.)	**644 mm** (25.35 in.)	**32 mm** (0.31 in.)
	Card Dispenser		Not Applicable	**598 mm** (23.54 in.)	**86 mm** (3.39 in.)

Note: Depth dimensions in the table are taken from the Front of the Cosmetic Door. If either an IPP350, VX805, or VX820 PIN Pad is installed in the Kiosk, all depth dimensions are taken from the front of the PIN Pad and the dimensions in the table are increased by **36 mm** (1.42 in.), the PIN pad no. 5 key depth is **24 mm** (0.94 in.).

Distance for Voice Guidance

Fascia Item			Distance fro No. 5 Key - UX100 PIN Pad	Distance fro No. 5 Key - IPP350, VX805/820 PIN Pad
	Handset	2	**349 mm** (13.74 in.)	**381 mm** (14.20 in.)
	Dip MSR (installed on F055/K055 fascia panel)	3	**159 mm** (6.26 in.)	**165 mm** (6.50 in.)
	Private Audio	4	**168 mm** (6.61 in.)	**153 mm** (6.02 in.)
	Dip MSR (installed on front panel)	5	**224 mm** (8.82 in.)	**197 mm** (7.76 in.)
	Check Reader	5	**307 mm** (12.07 in.)	**279 mm** (10.98 in.)
	Single Note Acceptor	6	**430 mm** (16.93 in.)	**394 mm** (15.51 in.)
	Receipt Printer	7	**191 mm** (7.52 in.)	**184 mm** (7.24 in.)
	Cash Dispenser	7	**349 mm** (13.74 in.)	**328 mm** (12.91 in.)
	Barcode Target Label	7	**340 mm** (13.39 in.)	**315 mm** (12.40 in.)
	Card Dispenser	7	**580 mm** (22.83 in.)	**565 mm** (22.24 in.)

Fascia Item			Distance fro No. 5 Key - UX100 PIN Pad	Distance fro No. 5 Key - IPP350, VX805/820 PIN Pad
	ID Reader	7	**475 mm** (18.70 in.)	**476 mm** (18.74 in.)
	Fingerprint Reader	8	**463 mm** (18.23 in.)	**471 mm** (18.54)
	Passport Reader	8	**598 mm** (23.54 in.)	**613 mm** (24.13 in.)
	Trackball	9	**111 mm** (4.37 in.)	**152 mm** (5.98 in.)
	NFC Reader	9	**138 mm** (5.43 in.)	**165 mm** (6.50 in.)
	19″ Touchscreen / 19″ Display Center of Screen	12	**282 mm** (11.10 in.)	**349 mm** (13.74 in.)

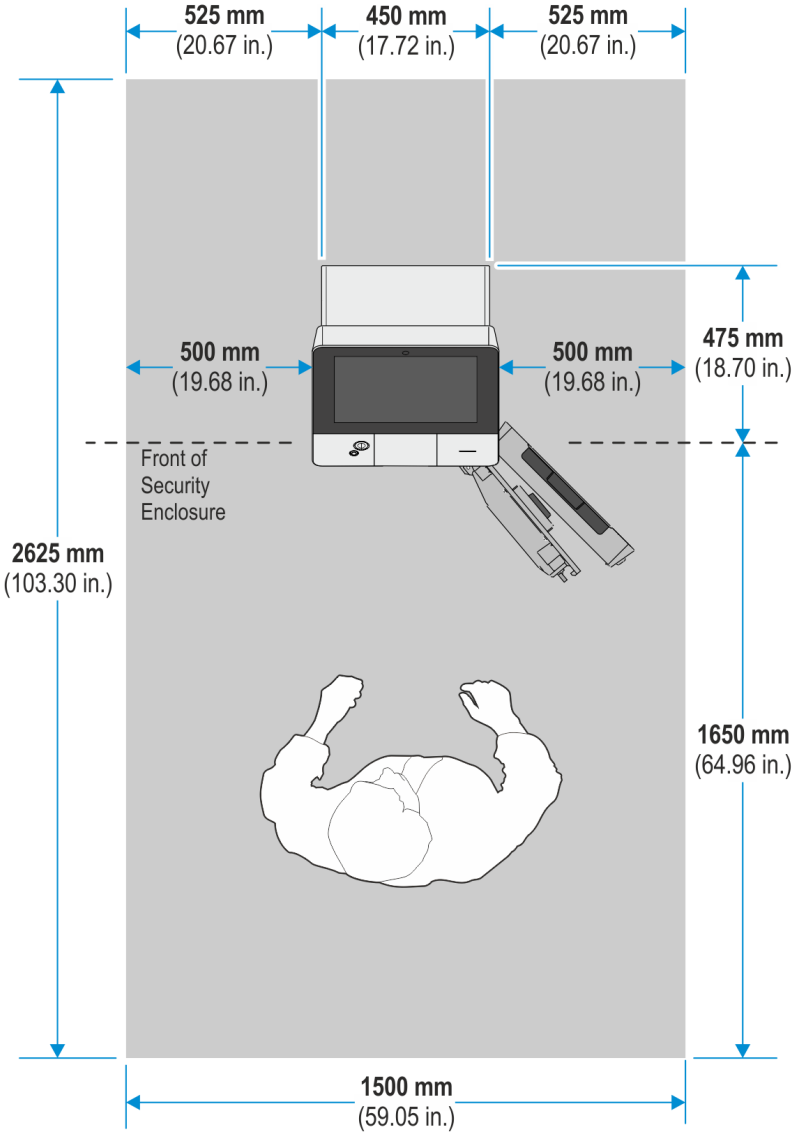
Service Areas

Optimum Service Area

The optimum servicing area provides the best access to the Kiosk for all servicing and operation tasks. Wherever possible the Kiosk should be installed within the optimum servicing area. If the optimum area is not available then refer to Servicing Areas - Minimum. However note that installing the Kiosk in the minimum servicing area may increase the servicing and/or upgrading time over a Kiosk installed using the optimum area. Always leave as much space as possible around the Kiosk to facilitate safe operation and servicing.

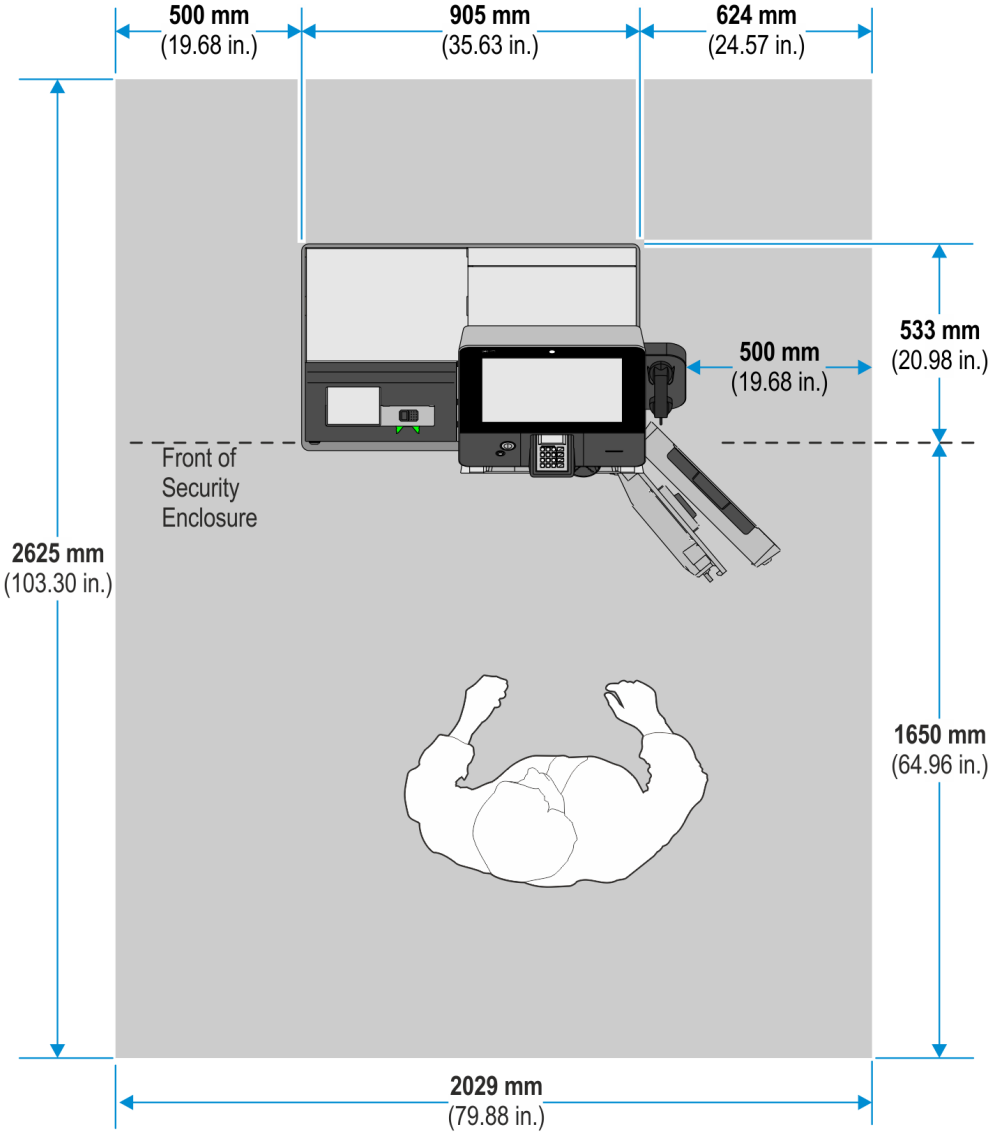
Baseline for dimensions is the front of the lower security enclosure, as indicated by the dotted line.

Kiosk Only



CCP-64002

Kiosk with Sidecar



CCP-70878

Minimum Service Area

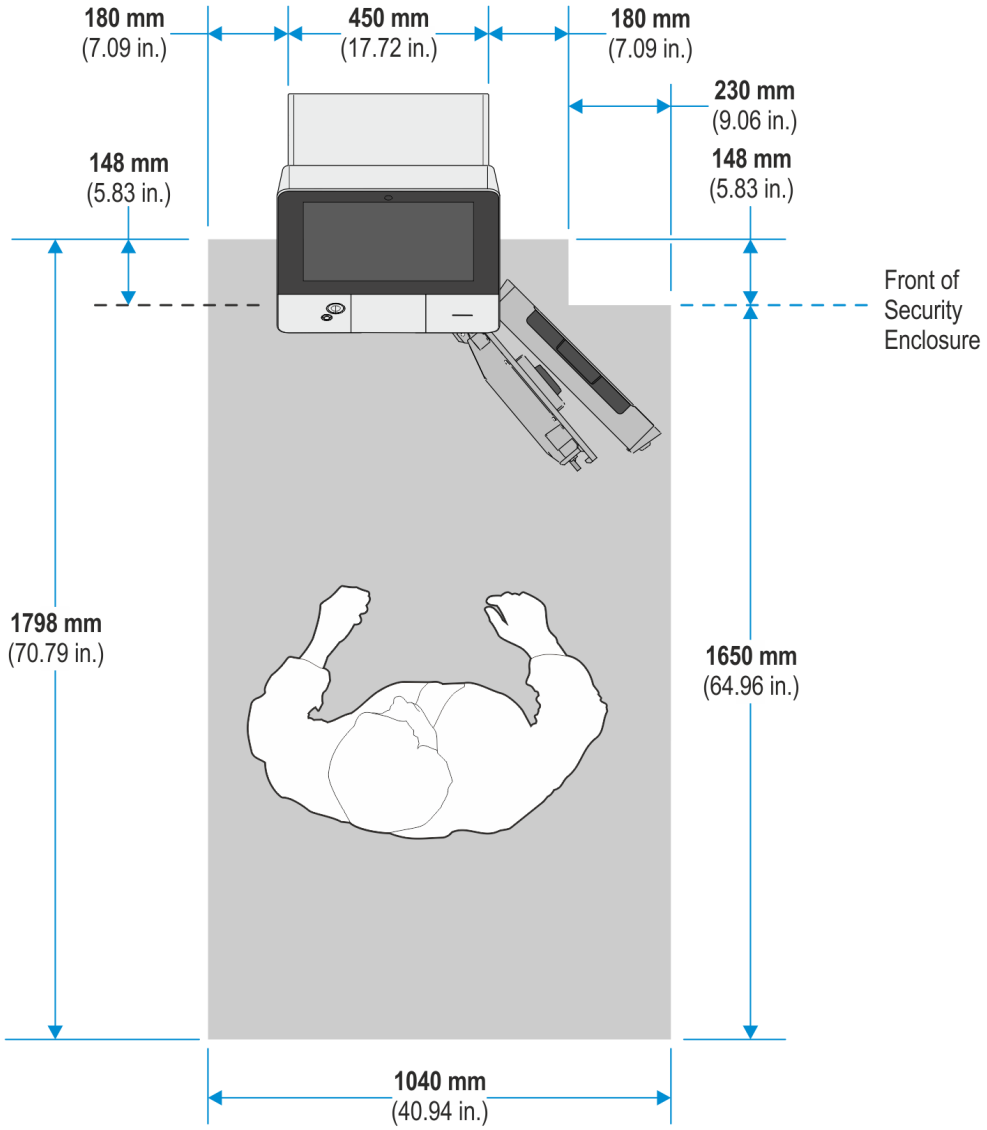
This is the minimum area required for operating and servicing the Kiosk.

Wherever possible the Kiosk should be installed within the optimum servicing area. Installing the Kiosk in the minimum servicing area may increase the servicing and/or upgrading time.

If the minimum area is not available then consult your local service representative. Every site is different and you may still be able to install the Kiosk but with further increases to servicing and/or upgrading time.

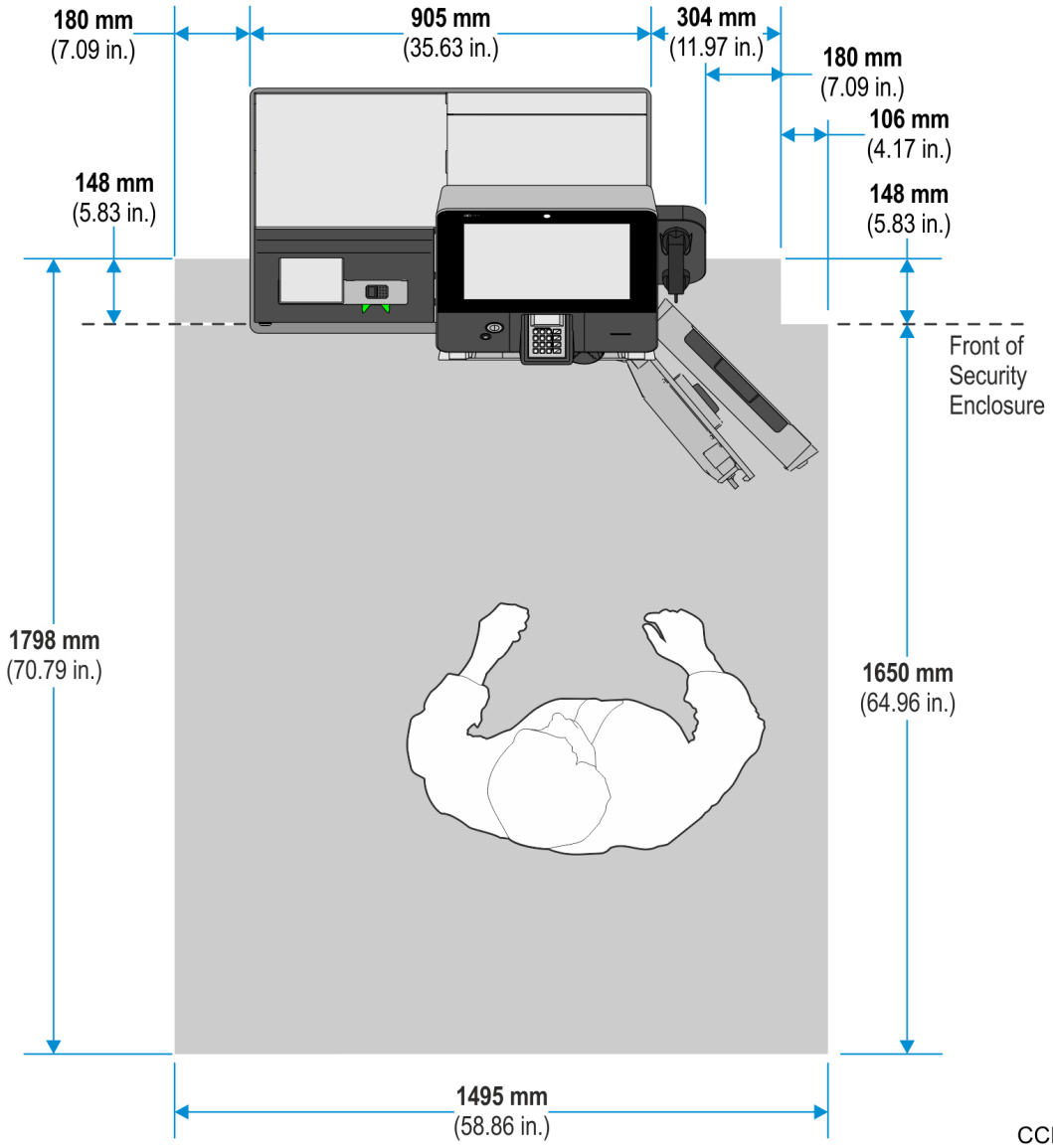
If you install in the minimum area then note that doors can open, and devices rack out, beyond the area shown. Always leave as much space as possible around the Kiosk to facilitate safe operation and servicing. Baseline for dimensions is the front of the lower security enclosure, as indicated by the dotted line.

Kiosk Only

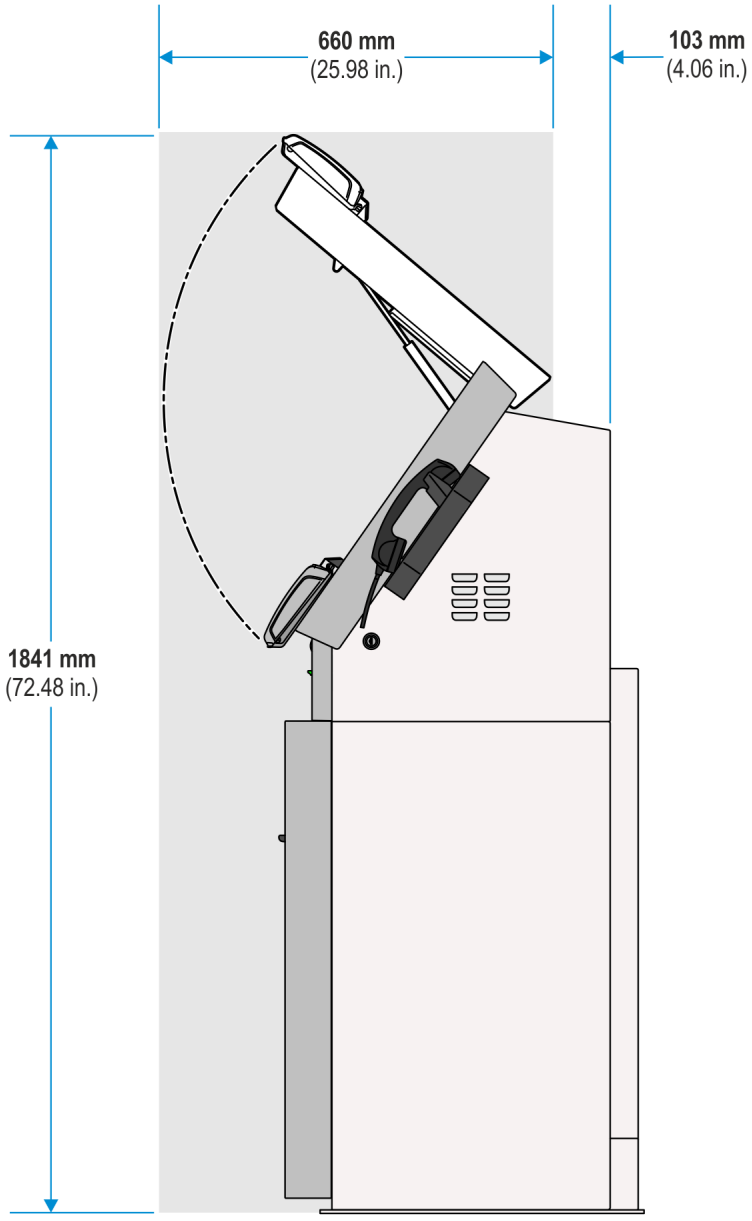


CCP-64003

Kiosk with Sidecar



Fascia Opening Clearance

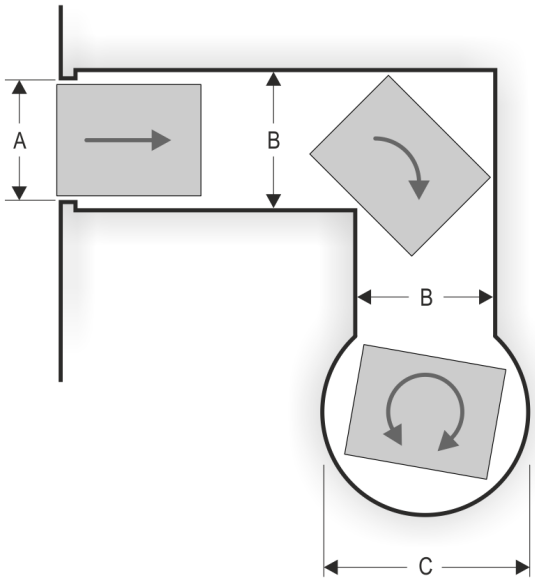


CCP-70876

Corridor Clearances

The dimensions shown assume the Kiosk is being moved using equipment that does not extend beyond the Kiosk or packaging.

A surrounding clearance of **6 mm** (0.24 in.) has been allowed in the dimensions.



CCP-64001

Kiosk Only				
		Packaged (pallet, carton, and lid)	**Packaged (pallet without carton)**	**Unpackaged Kiosk**
A	Doorway or straight corridor	**744 mm** (29.29 in.)	**732 mm** (28.82 in.)	**512 mm** (20.16 in.)
B	Corridor with corner	**854 mm** (33.62 in.)	**839 mm** (33.03 in.)	**566 mm** (22.28 in.)
C	Rotation about center	**1186 mm** (46.69 in.)	**1165 mm** (45.87 in.)	**758 mm** (30.24 in.)

Kiosk with Sidecar				
		Packaged (pallet, carton, and lid)	**Packaged (pallet without carton)**	**Unpackaged Kiosk with Sidecar**
A	Doorway or straight corridor	**1130 mm** (44.49 in.)	**1130 mm** (44.49 in.)	**637 mm** (25.08 in.))
B	Corridor with corner	**1238 mm** (48.74 in.)	**1234 mm** (48.58 in.)	**818 mm** (1216 in.))
C	Rotation about center	**1676 mm** (65.98 in.)	**1666 mm** (65.59 in.)	**1216 mm** (47.87 in.)