Specification Document

NEW WORLD PAYPHONES

This document contains:

- Product Overview and Features
- Technical Specifications
- Rendered Technical Drawings (Front, Sides and Rear)

NEW WORLD PAYPHONES

Front View

Rear View

Courtesy Light

Wayfinder - up to 24”

Telephone Equipment

Advertising Display

NEW WORLD PAYPHONES

Overview

An integrated outdoor public telephone kiosk including:

- Telephone equipment accepting credit/debit card, contactless and/or cash payment (optional)
- An LCD measuring up to 24" (up to 1500 cd/m2 luminance) for interactive map/wayfinding purposes
- Equipment for provision of public Wi-Fi access points and/or equipment for provision of public small-cell access nodes
- A direct sunlight readable LCD (up to 2500 cd/m2 luminance) measuring up to 75" for digital advertising purposes
- Location-based information (NFC, Bluetooth 4.0 LE)

Features

Public Telephone (Payphone)

- Vandal resistant alphanumeric keypad
- Armoured cord handset with internal steel lanyard and inductive coupling for users wearing hearing aids
- Hook-switch cradle, tongue and bracket assembly
- Unattended Contactless Technology Payment
- Unattended Credit/Debit Card Payment
- Unattended Cash/coin Payment (optional)
- LCD
- Self-diagnostics and remote monitoring

Public Interactive Touch Display

- Interactive map providing easy to access local information and POI.
- Multi-touch-enabled sunlight readable LCD (with automatic brightness control)
- Potential additional software applications can be easily added to augment public service provision

Public Wi-Fi Access Point

- Provision for free public Wi-Fi equipment

Small-Cell Access Node

- Provision for equipment for small cell technology

Digital Advertising Display

- A direct sunlight readable FullHD (1920x1080 pixels/portrait mode/ 16:9 aspect ratio/16.7M colours) TFT LCD Display
- Display Backlight: configurable automatic/manual brightness (based on measured ambient light) guarantees optimal display readability whilst maintaining low power consumption
    - Slow brightness changes (no glare risk)
    - Scheduled "quiet times" allows to meet local and national light pollution regulations at night times (<=300 cd/m2)
- Extensive remote system monitoring and diagnostics to reduce local intervention time

Location-based Information

- NFC tags
- Bluetooth 4.0 (Low Energy) Beacons

Accessibility

- Designed so as to meet applicable or relevant DDA guidelines
- Easily accessible for mobility impaired users
- Provides shelter from the elements
- Courtesy lighting (PEC controlled)

Safety and Security

- Wayfinder Screen: Minimum 6mm safety glass
- Digital Advertising Screen nominally 9.5mm to 10mm toughened/laminated construction in accordance with BS EN 12600 & BS EN 356 Class P3A
- Security barrel locks with a special magnetic tool conceals access to the second cam lock
- Bespoke security locks for telephony, Wi-Fi and touchscreen
- Fully secured telecommunications system

NEW WORLD PAYPHONES

Technical Specifications

Overall Dimensions and Footprint

- Kiosk: 2430 x 1150 x 750 mm (overall HxWxD)
- Active Area (digital displays):
    - Advertising Display: up to 1650 x 928 mm (75” diagonal)
        - Centre of Screen: approx. 1210mm
    - Wayfinder Display: up to 532 x 299 mm (24” diagonal)
- Accessibility to wayfinder and telephone for disabled users:
    - Height of handset and keypad: max. 1200mm
    - Centre of Screen (wayfinder): max. 1200mm

Environmental (operating)

- Temperature Range: -20°C to +40°C
- Humidity: 5% to 95% RH
- Ingress Protection: IP55 (minimum)

Electrical

- Mains Supply: 220-240 VAC @50Hz
- Power Consumption (Typical/Average): 1600W
- Protection: complies with IEE Wiring Regulations (17th Edition or later)

Mechanical

- Enclosure material(s):
    - Structure: Stainless Steel
    - Cladding: Powder Coated Steel (Black)
    - Side Panels: safety glass or composite plastic material
    - Roof: polycarbonate or other composite plastic material
- Glass:
    - Wayfinder Screen: Minimum 6mm safety glass
    - Digital Advertising Screen: nominally 9.5mm to 10mm toughened/ laminated construction

Installation

- Concrete base
- Adjustable bottom plinth to address slopes
- Ducting for power, signal and earth protection

Maintenance and Servicing

- Easy access to equipment:
    - Modular approach
    - Top-hinged door (digital advertising display) assembly with bottom secured latching mechanism

Telecommunications

- DSL, 3G/4G, Fibre-optic.

Compliance to Regulations & Standards and Certifications

- Safety:
    - CE
    - IEC/EN 60950-1
- EMC:
    - IEC/EN 55022 Class A
    - IEC/EN 55024
    - IEC/EN 61000-3-2
    - IEC/EN 61000-3-3
- Environment:
    - RoHS and WEEE compliant
- Disability Discrimination Act (DDA)

Colour

- RAL9005 (Black)
- Powder coated, satin or matt finish

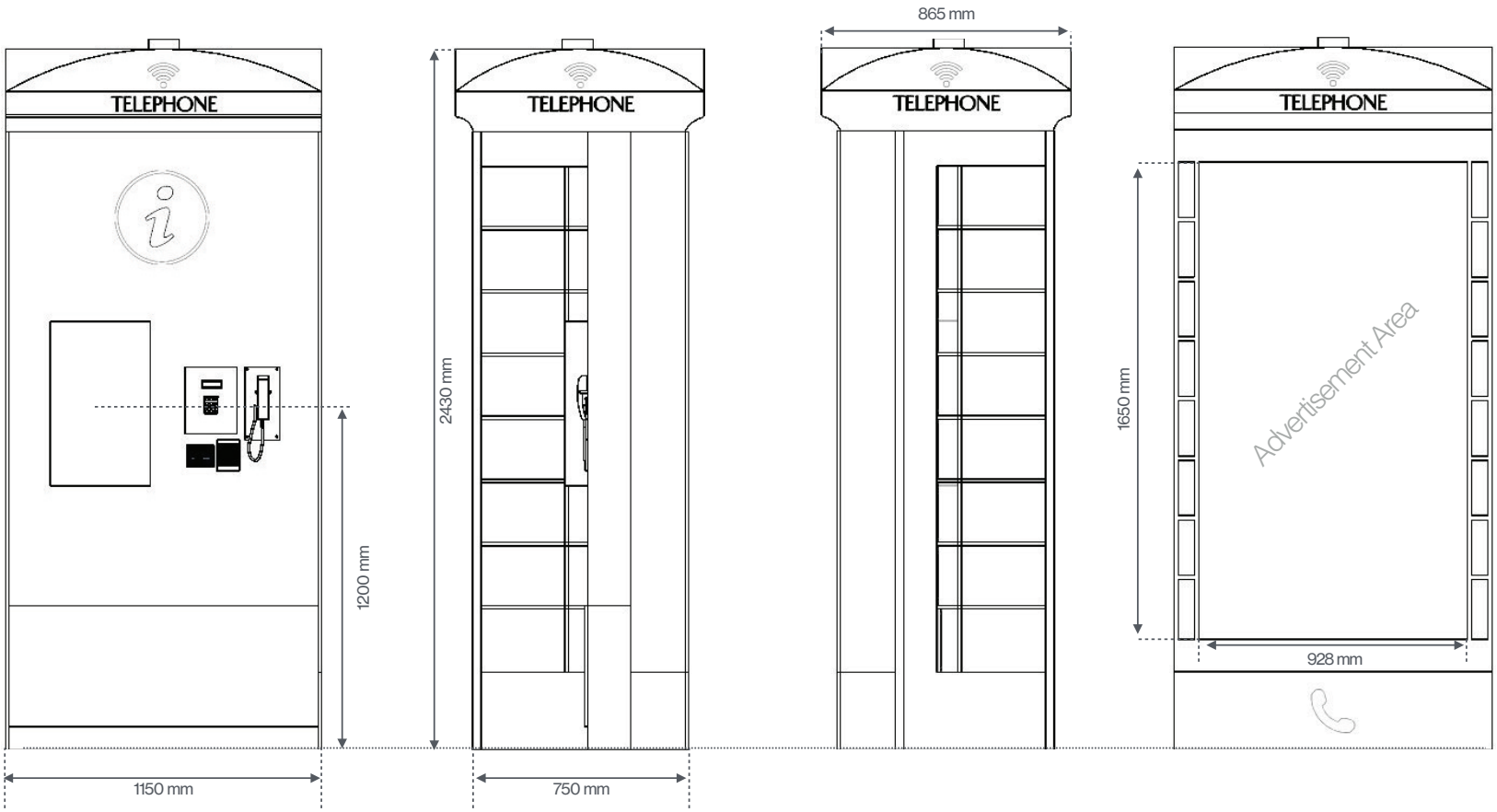
Product Lifetime

- Minimum 5 years

Technical Drawings and Overall Dimensions

NEW WORLD PAYPHONES

Scale: 1:24 **Scale Bar:** 0 100cm



Rendered Technical Drawings: Front View

NEW WORLD PAYPHONES

Before

After

					Scale	NTS
					Date	March 2016
Amendment	Drn	Rvwd	Date			

Site: N/A Montage

Drawing No.

Sheet No.

Rev.No

Rendered Technical Drawings: Side View

NEW WORLD PAYPHONES

Before

After

					Scale	NTS
					Date	March 2016
Amendment	Drn	Rvwd	Date			

Site: N/A Montage

Drawing No.

Sheet No.

Rev.No

Rendered Technical Drawings: Rear View

NEW WORLD PAYPHONES

Before

After

					Scale	NTS
					Date	March 2016
Amendment	Drn	Rvwd	Date			

Site: N/A Montage

Drawing No.

Sheet No.

Rev.No

Rendered Technical Drawings: Side View

NEW WORLD PAYPHONES

Before

After

					Scale	NTS
					Date	March 2016
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Site
N/A Montage

Drawing No.
Sheet No.

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