

calma

SMART BENCH



The CALMA Smart Bench is a multifunctional urban furniture solution designed to provide comfort, connectivity, and smart services in public spaces. It combines seating, device charging, lighting, and wireless connectivity in a robust, weather-resistant structure suitable for modern Smart City environments.



KEY FEATURES

APPLICATIONS

- Parks and recreational areas
- Campuses and transport hubs
- Public squares and pedestrian zones
- Smart City public spaces

COMFORT & URBAN DESIGN	CHARGING & POWER	CONNECTIVITY	AMBIENT LIGHTING
<ul style="list-style-type: none"> • Ergonomic seating design • High-quality wooden slat seating surface • Integrated armrests • Contemporary design with decorative LED elements 	<ul style="list-style-type: none"> • Qi-compatible wireless charging • USB-A and USB-C fast charging ports • Cable-free and user-friendly operation 	<ul style="list-style-type: none"> • Integrated Wi-Fi hotspot module • Provides internet access for nearby users 	<ul style="list-style-type: none"> • RGB LED ambient lighting installed under the bench • Adjustable colors for atmosphere or city branding • Improved visibility and safety during nighttime

GENERAL SPECIFICATIONS

Product type: Smart urban bench

Installation: Outdoor, permanent mounting

Operation: Continuous outdoor use



WIRELESS CHARGING



USB & USB C



WI FI MODULE



TECHNICAL SPECIFICATIONS

DIMENSIONS

Length: 2000 mm **Width:** Top surface: 500 mm / Side profile (legs): 497 mm

Height: Total height: 674 mm / Seat height from ground: 470 mm **Side armrest width:** 530 mm

Wooden slat area: 1810 × 500 mm **Base foot width:** 100 mm (mounting plates)

WI-FI SYSTEM

- Internal Wi-Fi hotspot module
- Installed discreetly beneath the bench
- Stable and accessible internet connection
- Suitable for smart cities, campuses, and public squares

MATERIALS & CONSTRUCTION

- Structural metal components
- Wooden seating slats
- Outdoor-rated finishes
- Designed for long-term durability in public environments

WIRELESS CHARGING

- Qi-compatible wireless charging pads (x2)
- Customizable branding on charging surface
- Cable-free operation

USB CHARGING

- Integrated fast-charging ports: USB-A QC 3.0 / USB-C PD 3.0
- Illuminated interface for night visibility
- Designed for continuous outdoor operation

AMBIENT LED LIGHTING

- RGB color-changing LED strips
- Mounted beneath the bench
- Adjustable colors
- Enhances visibility, aesthetics, and safety at night

MOUNTING & INSTALLATION

- Ground mounting with four bolted base plates
- Compatible with concrete, paving, and flat outdoor surfaces
- Easy access for maintenance and wiring

- Suitable for public urban infrastructure
- Designed for Smart City deployments
- Weather-resistant outdoor construction

COMPLIANCE & STANDARDS

FEATURES

