



FLEXIRAY

# FlexiRay™ I-Gate 2.X

## RFID UHF portal

### Key RFID Portal Features

- Unobtrusive esthetic design
- Ultra slim profile & unique small footprint
- Customizable printing design options
- Reader independent
- Lightweight solution
- Integrated with new generation antenna

### Key RFID Portal Applications

- RFID reading zones in entrances, gates, doors and corridors
- Interior / indoor access control, asset tracking or retail applications

### FlexiRay RFID Slim Portal

The FlexiRay RFID Portal is ideal for tracking assets, equipment, document, files, and people in interior environments passing through doorways, hallways or corridors.

### Thin Profile and Small Foot Print

FlexiRay RFID portal provides ultra slim profile and small stand footprint saving space features in an attractive esthetically-pleasing design suitable for office, library, retail, data center, hospital and other interior environments.

### Esthetic & Customizable Design

The FlexiRay RFID portals can be delivered with adjustable customized graphic design in photographic quality to accommodate or highlight its esthetic





Mounting holes detail



High quality steel frame finish



Portal base

## RFID Reader and Antennas

The FlexiRay portal can be connected to any external UHF compliant RFID reader unit via standard or better low loss cables allowing the changing use of RFID readers as your hardware requirements change.

The FlexiRay portal was designed to be used with embedded ultra-slim modular planar FlexiRay antennas. The FlexiRay antennas provide necessary slim profile and unique radiation pattern providing RFID reading zones in entrances, gates, doors and corridors, compliant with EPC Gen 2 or ISO 18000- 6C. Each unit of the portal accommodates one ultra slim FlexiRay antenna fitted into protective & esthetic design.

Thanks to narrow horizontal beam width, the antennas reduce the reading of ambient tags in environments where stray tags are in close proximity to the portal, thus significantly reduce and eliminate unwanted reads.

## Compact Lightweight Low Cost Solution

Measuring 1515 x 220 x 35 mm (59,6 " x 8,7" x 1,4") and weighing less than 9,5 kg (21 lbs), the portal offers compact, light-weight, and low-profile construction. The smart design results in total low cost easy to install solution further simplifying the overall logistics, operations and minimizing the total costs of delivery and deployment.

## Quick & Easy RFID Deployments

The FlexiRay portal steel frame construction can be securely bolted to the floor to provide maximum stability and safety for people passing through. Each portal unit is fitted with 4 mounting holes on the foot stand and 2 holes inside the frame. The portal offers a variety of cable mounting configurations. The cable holes are drilled on the unit side or on the foot bottom to provide safe passing of cables.

## Technical Specification

### Physical Characteristics (each portal side)

Height	1515 mm (59,6 in)
Width	220 mm (8,7 in)
Depth (incl. metal frame)	35 mm (1,4 in)
Base Stand Foot Print	320 x 100 mm (12,5 x 3,9 in)
Weight	9,5 kg / 21 lbs (including RFID antenna & cable)
Construction	Steel frame stand with plastic antenna enclosure
Steel Frame Finish	Powder-coated in standard black or customized color
Plastic Panel	White PMMA plastic material
Graphical Design	Direct digital printing, customizable design layout
RFID Reader	Any external UHF compliant RFID reader
RFID Antennas	FlexiRay SF-2400 / 2401
Cable Options	Low Loss cables per customer request. Cable holes drilled on the unit side and on the foot bottom to provide safe passing of cables.
Mounting Options	Fitted with 4 mounting holes in foot stand and 2 holes inside the frame

### Order Information

FlexiRay Portal I-Gate 2400 – ETSI  
FlexiRay Portal I-Gate 2401 – FCC