

MONITOR OBU

- Easy to use, no modifications required
- Radio frequency immunity to Wi-Fi sources
- Low power consumption
- Audiovisual monitoring



OVERVIEW

The Monitor OBU is a service tool for inspecting and verifying DSRC radio communication zones and is typically used in tolling station configurations. The LEDs allow for visual tracking of the signal quality, and by using an optional buzzer mode, sound can be added to make the monitoring easier and more convenient for the end user.

It features all the high-quality signal discrimination technologies found in other Q-Free OBU products. Low-power technology, accompanied by a sleep mode, ensures low current draw.

The Monitor OBU can be used as a hand-held device or can be mounted in a slide-in bracket.

FEATURES

- Deep sleep mode promotes long service and shelf life
- Plug and play operation, can be used anywhere, anytime.
- Visual and audible signal quality indicators
- Robust design
- Works with all DSRC standards



TECHNICAL SPECIFICATIONS

Dimensions:	L: 73 mm/ W: 42 mm /H: 21 mm
Operating frequency:	5.8 GHz CF
Download bit rate:	500 kbps
Uplink bit rate:	250 kbps
Sub carrier frequencies:	1.5 MHz (profile 0) 2.0 MHz (profile 1)
Power supply:	Single Battery coin cell
Environmental conditions:	Class H1 ref ISO 14815
Operating temperature:	-40 °C to +85 °C
Storage temperature:	-40 °C to +40 °C
IP Grade:	IP4X

Standards	
CEN TC278:	EN12253 Physical layer EN 12795 Datalink layer
Safety:	EN 60950-1
EU Directive compliance:	RoHS 2011/65/EU WEEE 2012/19/EU

