

Product Sheet

BMC

BERNARD Mobility Controller

The robust and secure interface between BMA TLC and the traffic signal controller.

- **Reliable Signal Transmission**
Reliable connection to BMA TLC over up to 300 m
- **Less Hardware, Less Installation Effort**
Up to 4 BMA TLC centrally powered via a 2-wire cable
- **Easy Integration**
12 galvanically isolated contacts for secure traffic signal controller connection
- **High Operational Reliability**
Fault conditions are reliably reported to the traffic signal controller

**Overview**

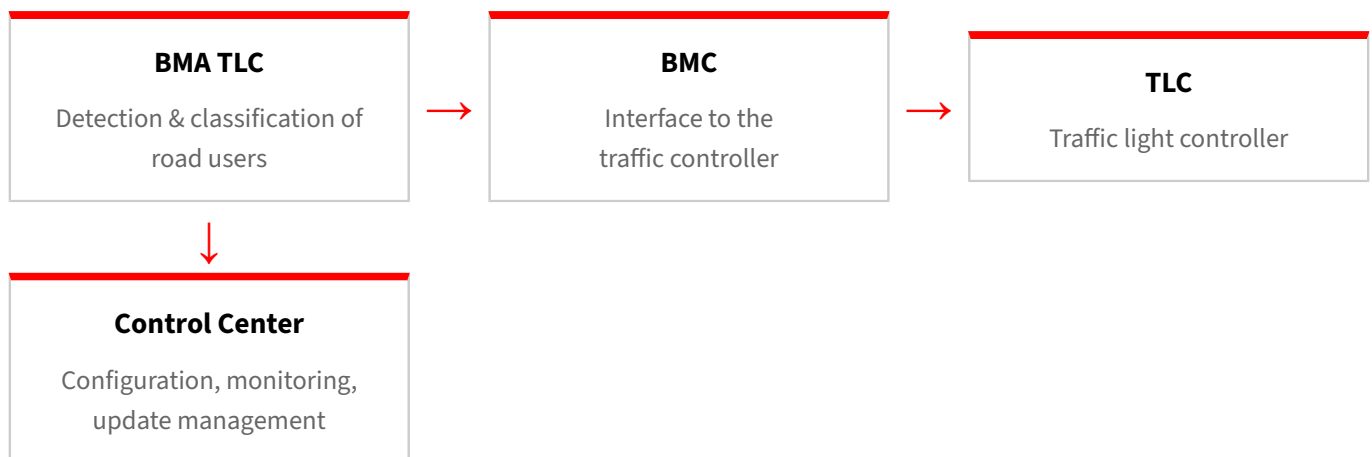
The **BMC** connects up to four BMA TLC devices to the controller of a traffic signal system, converting traffic-dependent requests, timing or prioritisations into potential-free signals.

Thanks to galvanic isolation and DIN rail mounting, the controller can be easily integrated into existing systems – for reliable, low-maintenance operation.

Key Features

- **Up to 4 BMA TLC**
Central interface for multiple BMA TLC at one BMC
- **12 Potential-Free Contacts**
Secure connection to the traffic signal controller
- **Configurable Fault Contact**
Reliable status reporting to the traffic signal controller
- **Integrated Power Supply**
Direct power supply to connected BMA TLC via the BMC
- **Up to 300 m Range**
Power supply and communication to the BMA TLC over a single 2-wire cable
- **DIN Rail Mounting**
Compact installation in the control cabinet

System Integration



Typical Applications

- Adaptive traffic signal control (public transport priority, vehicle-class-based requests)
- Traffic-dependent intersection control
- Environmentally sensitive signal control

Contact

Test the BMC at your intersection →

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