

# TAIS2-FAIS2

TAIS2 and FAIS2 are camera-based sensors for adaptive lighting systems.

They allow a downgrading of the brightness category, thanks to the detection of traffic data and road luminance.

TAI - Traffic Adaptive Installation is a system that allows lighting to be adjusted in real time based on traffic level measurements. The current legislation, in Italy, provides for the reduction of up to two categories of lighting.

FAI - Full Adaptive Installation is the system which, in addition to the traffic level, takes into consideration the meteorological conditions and the real luminance readings of the terrain. According to Italian legislation, it is possible to reduce a further category of lighting.

The TAIS2 and FAIS2 sensors integrate perfectly with the P5 series controllers, with which they are automatically compatible.

The device is remote controlled via radio, cable or M2M.



## MAIN FEATURES

- |   |   |
|---|---|
| <p><b>01</b> 5 MPixel high resolution color digital camera</p> <p><b>02</b> Wide-angle lens with digital image correction</p> <p><b>03</b> Removable SSD disk in SDHC format</p> <p><b>04</b> Visual coupling system of the area of the road to be analysed</p> <p><b>05</b> GPS receiver</p> | <p><b>06</b> Built-in 868 MHz, 2.4 GHz, WiFi, BLE, 4G radio antennas</p> <p><b>07</b> IP67 container with screen for protection from solar radiation</p> <p><b>08</b> Gateway function with M2M modem and WSN network coordinator</p> <p><b>09</b> Real-time calculation of the dimming</p> <p><b>10</b> Tampering, impact, blackout and blinding alarm</p> |
|---|---|

## BENEFITS

- |   |  |  |   |
|---|--|--|---|
|  <p>Up to 80% energy savings</p> |  <p>Interoperability with the P5 system</p> |  <p>Smart interface with Bluetooth 5.1</p> |  <p>Enable services for smart cities</p> |
|---|--|--|---|