



# Case study

## – Traffic cameras and automatic signs

› Producer website  
[www.conel.cz](http://www.conel.cz)

### Equipment used: UMTS/HSUPA router UR5i

#### WIRELESS DATA TRANSFER FROM TRAFFIC CAMERAS AND TO AUTOMATIC SIGNS

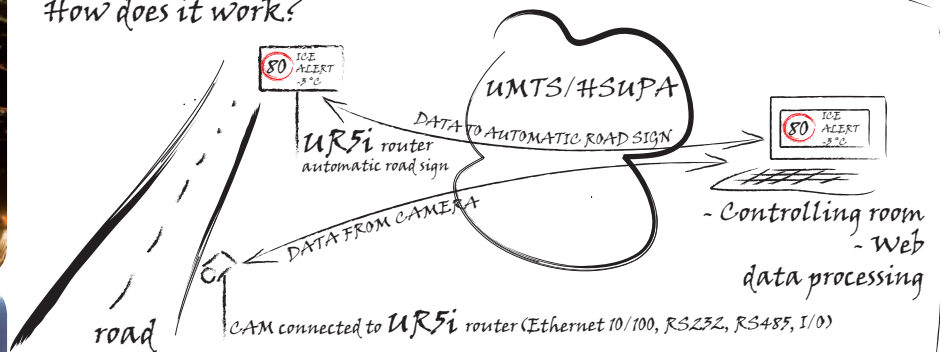
How to reduce traffic density and prevent enormous traffic jams in the world cities? Not easy task to solve...

Traffic cameras connected wirelessly via UMTS technology are part of complete traffic system. Send pictures or video stream from roads and streets into controlling room or to web. Based upon regularly updated camera information – traffic monitoring – responsible staff can decide on many actions to stop situation getting worse. Slow down or speed up traffic in defined passages or navigate drivers to more empty roads. Navigation is done by online road LED boards or other kind of automatic signs that can change displayed info in any moment.

Data transfer from cameras and to road LED boards (automatic signs) via GSM mobile operator infrastructure is very effective way how to solve such an application. UMTS/HSUPA routers UR5i are connected directly to camera placed above the road or street and transfer pictures, movie or possible further information to controlling room or web. Using their SW application in controlling room dispatchers can change speed or speed limit LED boards status around the roads. From controlling room is information sent wirelessly to UMTS/HSUPA router UR5i connected directly to the road LED board. Within tens of seconds is possible to react for situation in traffic. And help to us - citizens and drivers...



How does it work?



#### UMTS/HSUPA router UR5i

- › Product webpage [www.conel.cz](http://www.conel.cz)
- › Ethernet 10/100, USB, RS232, RS422, RS485, MBUS, I/O
- › 2 x SIM card holder
- › VPN, NTP, VRRP, DHCP, HTTP, DynDNS etc.



### contact

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