



## ...: UMTS/HSDPA 3G Router | UR5

*UMTS/HSDPA router UR5 interconnects large variety of equipment into Internet or intranet. Namely computers, controlling systems or LAN networks. UR5 can be used and integrated to a large variety of applications.*



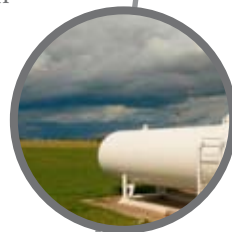
UR5 is standardly equipped by ethernet 10/100 and USB type A. We can also deliver version with one more port RS232/RS485/MBUS or inputs/outputs (I/O) on request of customer. The second port enables to connect any device with above mentioned interface such as ATM, various industrial metering devices, GPS etc. by high speed UMTS/HSDPA wireless technology.

### **.: UMTS high speed technology**

High speed technology UMTS allows to transfer data up to 384 kb/s. This is effective speed for example in picture transfer from traffic cameras (traffic density, crossroad cameras etc.) or security and surveillance sector (building control, street spotting etc.). Furthermore High Speed Downlink Packet Access technology (HSDPA) increases speed for downlink up to 3,6 Mb/s. This extra downlink speed enables even transferring movie. If UMTS or HSDPA is not available UR5 switches to slower EDGE technology (up to 236 Kb/s) or GSM-GPRS (up to 85,6 Kb/s).

### **.: Large data transmission loads**

The main advantages of UR5 is extra high communication speed and a short response rate thanks to UMTS/HSDPA technology. The UR5 router is designed to work in the professional applications requesting large data transmission loads in a short time interval via mobile wireless network – ideal is for all camera applications. Other benefit is a user friendly configuration using web interface (HTTP) secured by password. It means you can configure parameters of UR5 from your computer by standard web browser (e.g. MS Explorer from all over the world.





### ...: UR5

:: frequency	900/1800/2100 MHz
:: antenna	FME (50 Ω) (SMA on request)
:: power supply	10 - 30 VDC
:: temperature range	-20° till +55°C
:: dimensions	30 x 90 x 102 mm 35 mm DIN-ledge
:: weight	150 g
:: casing	plastic
:: HSDPA	3 GPP rel. 5 3 600/384 kbit/s
:: UMTS	W-CDMA FDD 384/384 kbit/s
:: EDGE	multislot class 10 236 kbit/s
:: GPRS	class 10 85,6 kbit/s
:: user interface	Ethernet RJ45 (10/100 Mbit/s) USB 2.0 USB host
:: user interface (on request)	M-BUS RS-485 I/O-port DB9 RS-232
:: configuration	browser/software



### .: UR5 supports

- DHCP – automatic IP addressing in LAN network
- HTTP server – configuration via web server
- IPsec – secure (cryptated) connection to server in outside network
- NAT – address translation between inside/outside networks
- SMS info
- L2TP – protocol of tunneling interconnection
- NTP – time synchronization
- GPRS/UMTS/HSDPA signalization by LED
- DynDNS – access to router UR5 with dynamic IP address
- optional RS232/RS485/MBUS or I/O port available on request of customer
- on request of customer 2 SIM cards version possible
- remote controlling via SMS (on/off connection etc.)
- SNMP for diagnostics, MBUS or I/O port

### .: Application example

