



# INDUSTRIAL ROUTER FACT SHEET

## Sireta QUARTZ Routers for Industrial IoT Applications

Using Industrial Router solutions to connect your world.  
The Sireta QUARTZ router range has offerings in: • 5G NR Technology • LTE / 3G / 2G Technology

**All QUARTZ routers are high speed industrial routers that support PPTP / L2TP / GRE / IPSec / OpenVPN**



**QUARTZ-COMPACT**

- Single SIM Facility
- RS232 Serial
- \*No WAN
- Fallback to 3G / 2G
- \*No WIFI
- Industrial PSU
- x1 LAN
- GPS Option Available
- Ultra Small Footprint

The QUARTZ-COMPACT-LTE router is an ultra compact industrial router ideal for applications where space is constrained. It has RS232 which can be switched out for GPS.

\*This router does not have WIFI or a WAN facility.



**QUARTZ**

- Dual SIM Facility
- RS232 Serial
- x2 GPI / x1 GPO
- Fallback to 3G / 2G
- Optional WIFI
- Industrial PSU
- x2 LAN
- GPS Option Available
- Standard Footprint

The QUARTZ router is a powerful industrial router with dual SIM facility for redundancy, dual LAN, RS232 and x3 Digital IO. It can be configured for dual LAN or 1xWAN + 1xLAN.



**QUARTZ-GOLD**

- Single SIM Facility
- RS232 Serial
- WAN Failover
- Fallback to 3G / 2G
- 2.4G / 5G WIFI
- Industrial PSU
- x2 Gigabit LAN
- GPS Option Available
- Small Footprint

The QUARTZ-GOLD router is a small form factor, gigabit ethernet industrial router with single SIM and dual WIFI. It can be configured for dual LAN or 1xWAN + 1xLAN with a WAN failover facility.

All of the above routers operate on European Frequency bands for LTE(4G) with 3G and 2G fallback. The below 5G routers have Global coverage. Please check the relevant datasheet for the specific frequency bands for each model



**QUARTZ-GOLD-5G**

- Single SIM Facility
- RS232 Serial
- WAN Failover
- Fallback to 4G / 3G
- 2.4G / 5G WIFI
- Industrial PSU
- x2 Gigabit LAN
- 5G NR
- Small Footprint

The QUARTZ-GOLD 5G router is a small form factor, gigabit ethernet global industrial router with single SIM and dual WIFI. It can be configured for dual LAN or 1xWAN + 1xLAN with a WAN failover facility.



**QUARTZ-ONYX**

- Dual SIM Capability
- RS232 x2/RS485 x1
- Memory Options
- 5G NR
- 2.4G / 5G WIFI
- Fallback to 4G / 3G
- x4 Gigabit LAN
- GPS Option Available
- Digital I/O

The QUARTZ-ONYX is a high speed quad port gigabit ethernet global industrial router designed for transferring large amounts of data via the 5G NR cellular network. It also has fall-back to 4G/LTE and 3G/UMTS communication, should 5G NR be unavailable.

Bands for QUARTZ-ONYX and QUARTZ-GOLD-5G only

GL Bands	5G NR	N1	N2	N3	N5	N7	N8	N12	N20	N25	N28	N38	N40	N41	N66	N71	N77	N78	N79
MHz		2100	1900	1800	850	2600	900	700	800	1900	700	2600	2300	2500	1700-2100	600	3700	3500	4700

DIN Rail mount via adapter supported by all QUARTZ routers

Industrial design with compact rugged enclosure providing shock and vibration resistance

Multi In Multi Out (MIMO) supported by all QUARTZ routers for 4G / LTE & 5G