



INDUSTRIAL ROUTER FACT SHEET

Siretta QUARTZ Routers for Industrial IoT Applications

Using Industrial Router solutions to connect your world.

The Siretta 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	Fallback to 3G / 2G	x1 LAN
RS232 Serial	*No WIFI	Optional GNSS
*No WAN	Industrial PSU	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 GNSS.

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



QUARTZ-LITE

Single SIM Facility	Fallback to 3G / 2G	x2 LAN
Optional RS232 Serial	Optional WIFI	Optional GNSS
WAN Failover	Industrial PSU	Small Footprint

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



QUARTZ

Dual SIM Facility	Fallback to 3G / 2G	x2 LAN
RS232 Serial	Optional WIFI	Optional GNSS
x2 GPI / x1 GPO	Industrial PSU	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	Fallback to 3G / 2G	x2 Gigabit LAN
RS232 Serial	2.4G / 5G WIFI	Optional GNSS
WAN Failover	Industrial PSU	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.
Please check the relevant datasheet for the specific frequency bands for each model.



QUARTZ-ONYX

Dual SIM Capability	5G NR	4x GB Ethernet Ports
RS232 x2/RS485 x1	2.4G / 5G WIFI	GPS Option available
Memory Options	Fallback to 3G / 4G	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 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