

# Rackmount Telemetry Transmitter Platform



## Easy Does It

With integrated cooling, a browser interface, a new API, and more, our Rackmount Transmitter Platform simplifies deployment and operation of your telemetry transmitters. Quasonix is... Reinventing Telemetry™.

**Rackmount Enclosure** — Rugged 2U rackmount chassis provides a single box accommodating up to four (4) 2" x 3" or two (2) 4" x 3" transmitters (sold separately).

**Flexible Transmitter Options** — Choose up to four (4) single-output transmitters or up to two (2) dual-output transmitters.

**Browser-Based GUI** — Easy-to-use, intuitive web interface, using any ordinary browser to control the transmitters. Detailed logging includes history of changes made to the transmitters.

**NEW! Applications Programming Interface (API)** — Provides powerful access to status and control of the transmitters by a client computer.

**Strong Administrative Functions** — Manage transmitter names, user privileges, clock settings, IP address, and system.

**Field Upgradable Software** — Update to the latest software from the client browser.

**Master RF On/Off** — Ability to enable/disable RF on all channels via a secure locking toggle switch.

**Exceptional Cooling** — Internal heat sinks and fans provide the cooling power to keep transmitters operating at peak performance.

**High Quality Connectors** — Uses the same BNCs and N connectors found on our rackmount receivers.

**Available 85 VAC to 264 VAC, 50/60 Hz or 12 to 37 VDC Operation** — Specify AC or DC operation.



# Rackmount Transmitter Specifications

## Inputs / Outputs

Connectors—RF Output	Up to four (4) N female connectors
Clock and Data	TTL (BNC) or RS-422 (Isolated BNC)
Ethernet	Ruggedized RJ-45
Power	85 VAC to 264 VAC, 50/60 Hz or 12 to 37 VDC


Active inputs and outputs depend on configuration ordered.

## Physical

Dimensions	2U rackmount chassis; 18.95" W, 3.45" H, 13.83 rack depth, 14.00" overall depth
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## Environmental

Operating Temperature	0°C to +50°C
Storage Temperature	0°C to +70°C
Operating Humidity	0 to 95% (non-condensing)
Altitude	Up to 30,000 ft.

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Server Time: 2022-10-11 18:51:26

Slot 1 ▾ Home Tx Detail Settings Terminal Logs About

Slot 1-- Transmitter 1 (S/N: 14728)

Connection			Settings			Status		RF Power			
Slot ID	Display Name	Connected	Mode	Frequency	Power	BB Clock (Mbps)	Temperature	Command	Switch	BB Clk Ok	RF Actual
1	Transmitter 1	True	PCMFEM	2200.5	31.5	5.000010	36.07	<input checked="" type="checkbox"/>	1	1	On
2	Transmitter 2	True	SOQPSK	2225.5	31.5	4.999994	38.32	<input checked="" type="checkbox"/>	1	1	On
3	Transmitter 3	True	SOQPSK	2250.5	31.5	4.999994	38.05	<input checked="" type="checkbox"/>	1	1	On
4	Transmitter 4	True	SOQPSK	2275.5	31.5	4.999994	37.03	<input checked="" type="checkbox"/>	1	1	On

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Browser-based GUI facilitates monitoring status and controlling up to four transmitters at one time.

# Quasonix

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