

Booth No. **8.1B42-1**

QSIMPLUS



Year Established	2021		Type of Business	Other(Quantum communication)	
Website	www.qsimplus.com/eng/		Main Export Countries	Europe,UK,USA	
SNS	https://www.linkedin.com/company/qsimplus/				
Main Customer	Domestic Customers		International Customers		
The Person In Charge	Name	Department		Position	
	Jina Choi	Strategic Planning Team		Manager	
	Phone	Mobile		E-mail	
		+82-10-7307-6055		jina@qsimplus.com	

Company Description

QSIMPLUS is a specialized company in quantum communication established in 2021. QSIMPLUS develops a wide range of products, including software solutions for building and operating quantum cryptographic communication networks as well as small hardware equipment for quantum communication.

Product

QSIMpro

Function and Usage :

▶ Definition : Software simulator for Quantum communication

▶ Description

A software tool for the design and verification of quantum communication systems, which enables cost and time savings by replacing hardware-based experimentation with software-based implementation. It supports the implementation and verification of various quantum communication protocols.

▶ Usage

- Quantum technology education - Quantum communication system design and verification

Marketing and Selling Points : QSIMpro is Graphical Quantum communication design software and has moved each element of hardware that makes up Quantum communication(QC) systems from an experimental table to a graphics-based simulator. Unlike other simulators, QSIMpro does not require additional software or hardware, which considerably lowers the costs to develop. By providing easy access to QC technology, it can be used for education for non-experts and as a development tool for experts.

QSIMunit-SC

Function and Usage :

▶ Definition : High-speed signal generator for Quantum communication system

▶ Description

A miniaturized hardware for QKD, which reduces the size and weight of QKD equipment by modularizing and miniaturizing optical components based on their specific functions. This approach lowers the cost and power consumption associated with the deployment and operation of QKD systems.

▶ Usage

- Various signals generated by module combination

Marketing and Selling Points : QSIMunit-SC offers a significant market advantage by generating signals for various quantum communication systems, eliminating the need for expensive equipment. Users can customize their setups by ordering only the necessary modules, streamlining experimentation without requiring all elements upfront. Focused on user-friendly design, QSIMunit-SC simplifies the complexities of quantum technology, making it more accessible.

Its compact, modular design enables easy system verification and flexibility, providing a cost-effective, scalable solution that stands out in the market.

