



LC Connected

Real-time monitoring and remote control of lab equipment anytime, anywhere

LC Connected applied product list



Temp. & Humid. Chamber



Oven



Low Temp. Incubator



Incubated shaker



Shaker



Bath Circulator



Refrigerator



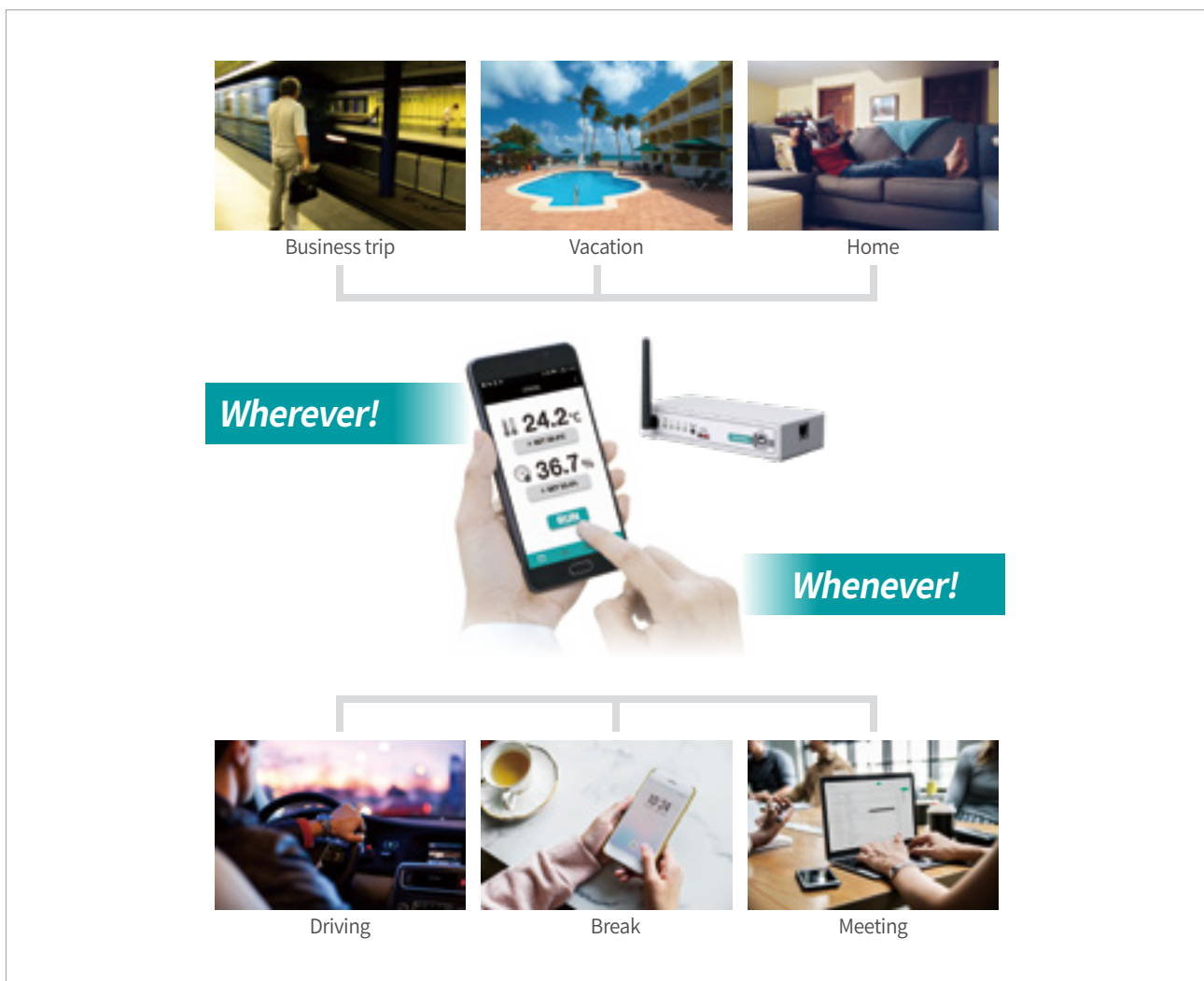
Chiller (Recirculating Cooler)

*We will continue to expand Lab Companion equipment with a PC interface. (Supported from Android 6.0 Marshmallow version and above. iOS devices to be supported in the future)

LC Connected (Mobile monitoring system)

A combination of research/lab and network! Efficient management of lab research equipment in the same network

LC Connected is a smart mobile monitoring system that is introduced into modern laboratories for the IoT era when everything is connected, and new value is created.



Whether you are on a business trip, dining out, or in a meeting, you will receive a notification to your mobile device in real-time if any error of the equipment is detected.

In addition, temperature / humidity / rpm control and Run / Stop functions can be controlled at any time, and from any location. When you also utilize for the data backup service, you can manage the stored data precisely on the central server through the LC Connected.



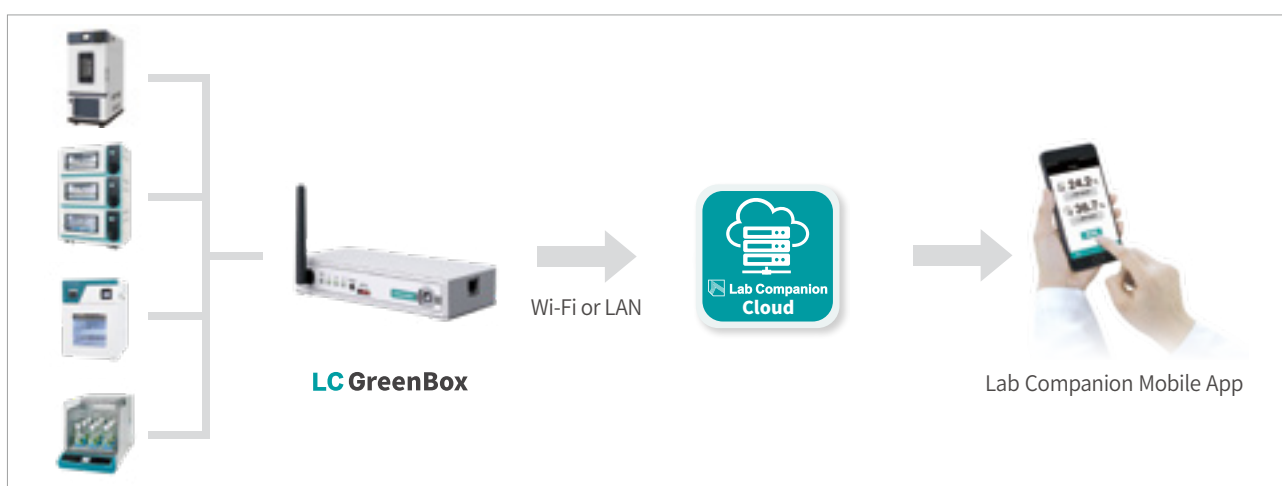
Reliable data management through backup of equipment history.

LC Connected System

LC GreenBox is a device that connects the lab's research equipment to a single network, allowing the experimenter to operate the equipment more efficiently. Experimenters can check the condition of their devices anytime, from any location via the mobile app. Each piece of equipment connected to the LC GreenBox creates an LC Connected system by sending data to the Lab Companion Cloud Server and transmitting information to the experimenter's mobile app.

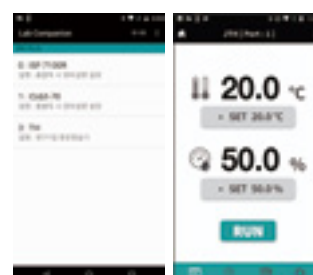


LC GreenBox



LC Connected Flow diagram

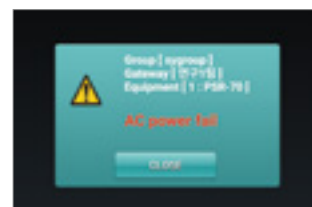
- Real-time monitoring of equipment connected to LC Connected possible through the dedicated mobile application for Lab Companion.
(Supported from Android 6.0 Marshmallow version and above. iOS devices to be supported in the future)
- Each lab member can access connected devices for which they have access permission through their personal mobile app.
- One LC GreenBox can communicate with up to four Lab Companion devices via an RS-232 port and can be expanded via multiple LC GreenBoxes.
- Access to the Cloud Server via Wi-Fi or wired LAN allows for a high degree of freedom in the lab.
- Real-time alarms for events concerning connected equipment.
(Temperature deviation, long-term door opening, power failure, and etc.)



Real-time monitoring through mobile devices



Connection up to 4 devices



Power failure notification

Description	Dimension (W x D x H, mm/inch)	Cat. No.
LC GreenBox	156 x 94 x 34 / 6.1 x 3.7 x 1.3	AAAQ1011