

MICRO TALK SYSTEMS CORP.

J-chip product news Vol.1

J-chip Reader was strong enough to high temperature !!

The maximum operating temperature of **J-chip reader** is 50 degrees C in the specification.

This time, the case of 50 degrees C or more was assumed and the temperature test was executed at an official research institute in Japan.

As a result, **J-chip reader** operated even the outside temperature **65 degrees C**.

An internal temperature of J-chip reader becomes 75 degrees for the outside temperature 65 degrees.

J-chip reader is possible to use without any problem under a hot environment at the summer time.

However, we will recommend putting the cover or sunshade on J-chip reader while measuring it to avoid the direct sunshine to LCD on the front panel and specification of operating temperature is 50 degrees C.

Test place : Tokyo Metropolitan Industrial Technology Research Institute, JAPAN

Testing equipment : Faster temperature & humidity chamber
Manufactured by Tabai Espec Corp.

Type of temperature sensor : Thermocouple(2 sets)
One is set at outside of **J-chip Reader's** case, another is on the surface of internal module for internal trigger circuit part.

The **J-chip Reader** is put in the test chamber then increased temperature by following interval.

Temp (degrees C)	30	35	40	45	50	55	60	65
Interval (Minutes)	30	45	30	40	70	30	30	30

J-chip reader put in test chamber



Attached temperature sensor to trigger circuit

