

Explanation for RC-S310



Kind of equipment: CONTACTLESS IC CARD READER/WRITER

Model number: RC-S310

FCC ID: AK8RCS310

<Overview>

This is the USB Reader/Writer which corresponds to Sony developed contact-free IC card "FeliCa" technology. It is available for various service which adopt "FeliCa" technology, such as electronic money service "Edy" and new credit service "eLIO" that is exclusive use for cybernation.

<Product specifications>

Communication distance	3mm or less
Communication speed	212kbps
Operating frequency	13.56MHz ($\pm 0.5\%$)
Modulation system	ASK
Bit coding	Manchester coding
Modulation bandwidth	$\pm 300\text{kHz}$ (at -30dB carrier level)
Electric field strength	$500\mu\text{V/m}$ or less
Weight	Approx 75g
Dimensions	Approx 90 x 63 x 17mm
OS	Windows98, 98SE, Me, 2000, XP
Cable length	Approx 80cm
Power voltage, current	DC 5V, 100mA