

## Product features

This card printer allows printing of high-quality full color images equivalent to photographic quality onto standard size (ISO7810 compliance) plastic cards using sublimation type transfer printing.

Able to print both side of a card.

Use of sublimation type retransfer printing enables printing of cards other than those made of PVC and non-contact IC cards, etc. with uneven surfaces that were previously difficult to print directly.

Lamination is possible by using optional laminator.

## Purpose of using the radio device

In this printer a special ink ribbon for sublimation type printing used. The ink ribbon bobbin has a RF-ID tag (passive type) built inside. The radio communication between the printer and the ink ribbon bobbin give the following functions, of which no user is informed. The antenna PWB is built into the front panel. The basic circuit in the antenna part is in the main PWB, and the signal of 13.56MHz is transmitted to the antenna PWB via the coaxial cable, and used to communicate with the RF-ID tag.



### 1. Discerning the type of ink ribbon

This printer can automatically discern what type of ink ribbon is installed out of the various options, for example, both sides full color, one side full color rear side monochrome, and so on.

2. Managing the number of used picture frames in an ink ribbon. The information on the number of used/remaind picture frames can be got by writing the number of used picture frame into the RF-ID tag, even when ink ribbons are exchanged.