



Outdoor Return Kiosk

The Arcus kiosk system is designed for simplified deployment and 24 x 7 operation. It interfaces with the library management system to accept the return of library resources with RFID tag. The flapper door of the kiosk will unlock when it detected library resources.

The kiosk is designed to receive books without damage as they drop into the internal bin which has a infrared camera controlled self leveling platform. A bin full alert can optionally be sent by email or SMS to a library staff member. Staff can withdraw the bin easily to remove the books and the platform will raise automatically preventing the need for staff to bend over to retrieve items.

Key features:

- ⇒ Lockable flapper door
- ⇒ Motorised self-leveling bin
- ⇒ LED return/full alert
- ⇒ Low power consumption
- ⇒ Support 4G connectivity
- ⇒ Location of the kiosk can appear in Google map
- ⇒ Weather proof (not flood proof)



Technical Specifications

Dimensions	630 (width) x 695 (depth) x 1355 (height) mm	RFID Reader	Alien, UHF 920 –925Mhz
Weight	80 KG (without books in the bin)	Read Rate	Up to 190 tps (50 tps typical)
Housing Material	Stainless steel	RFID Antenna	Circular polarized, 4Dbi
Internal Bin Size	514 (width) x 564 (depth) x 633 (height) mm	RFID Protocols	ISO-18000-6C (EPC Class 1/Gen2) , works with all Gen2 compliant (ISO-18000-6c) RFID tags
Operating Environment	-10 to 50 Deg C	Regulatory Compliance	EU 2002/95/EC compliant, Emissions: CMII, Safety: IEC 60950-1:2005 2nd edition & CCC
Supply Voltage	AC 100-240V, 300W max, 2A		
Connectivity	4G		

Adilam is a leading RFID solution and implementation provider. With a global network of technology partners, and a highly skilled team of engineers, we provide a range of RFID hardware and software solutions. These solutions are deployed on the world's first cloud based RFID application platform, Arcus—a rapid deployment platform managing the core elements of people, assets, inventory and movement and layered with custom built applications for each clients needs.



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