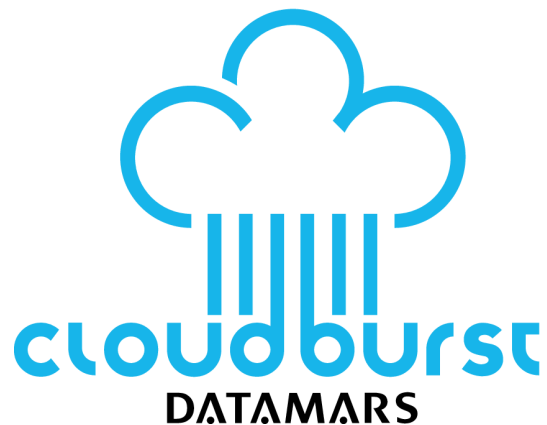


CLOUDBURST

Software layer for UHF readers

SW-Cloudburst



Product info

- Seamless integration with web oriented and cloud-based ERP software
- Simple yet powerful Web based Graphical User Interface
- No need for software development
- Pre-configured reading modes
- Fits laundry RFID requirements
- Combo mode, for smooth RFID technology transition
- Advanced filtering options
- Flexible EPC data format

Product Description

Datamars has completely reimagined reader software and has developed Cloudburst, a software layer that runs on the Impinj Speedway® Revolution readers. Cloudburst reduces the overall complexity related to RFID implementation while maximizing the reader performances in a laundry environment.

Cloudburst enables laundry managers to quickly deploy the RFID system. Web oriented, it simplifies integration with cloud-based ERP software and allows to easily integrate UHF readers with no need for software development and deep RFID knowledge. It comes with pre-configured reading modes that optimize RFID reading performances depending on the reading station.

This software is also aimed at controlling the UHF hardware when used in combination with HF and LF hardware, to allow a smooth transition between the different RFID technologies.

CLOUDBURST

UHF SW Cloudburst

Technical data

Supported readers	Speedway R-UHF-SR420 (antenna hub supported) Speedway R-UHF-SR220 Speedway R-UHF-SR120 (antenna hub supported) xPortal R-UHF-XPORTAL
Supported physical interfaces (might vary depending on the reader)	Ethernet RS-232 USB keyboard wedge (multiple layouts available)
Supported protocols and data formats	HTTP POST (JSON, form encoded RAW string) Websocket (JSON, RAW string) RAW TCP/IP Ethernet socket (RAW string)
Configurable data output	EPC, antenna port number, RSSI, timestamp Keepalive, status messages, GPI status
Advanced filtering options	Lock code (time based or reading window based) Two GEN2 and up to nine SW code masks (exclude or include) Antenna based masks
Settings management	Automatic re-load at boot of stored parameters Down/Uploadable configuration file for easy RFID deployment
GPIO management	GPI triggered reading start and stop Customizable GPO activation based on events
Combo mode	LF and HF readers supported

Ordering information

R-UHF-SR120 CB with Cloudburst SW pre-installed	ETSI: 800 3075-300 FCC: 800 3075-301
R-UHF-SR220 CB with Cloudburst SW pre-installed	ETSI: 800 3075-302 FCC: 800 3075-303
R-UHF-SR420 CB with Cloudburst SW pre-installed	ETSI: 800 3075-304 FCC: 800 3075-305
Datamars Cloudburst SW license	800 3075-972