



ALL-IN-ONE

www.ares.com



MOBILITY



MODULAR



PANELS PC



PRINTERS



DISPLAYS



ACCESSORIES

# MULTI-TECHNOLOGY READER

and associated devices



## Combined reader MSR / high & low frequency

This **multi-technology**, multi-format reader developed by AURES is compatible with **Sango** and **Yuno** EPOS terminals; it reads standard **magnetic cards**, as well as high- and low-frequency **RFID**, **NFC** and **Bluetooth** (Bluetooth Low Energy or BLE) devices.

This major innovation for point-of-sale terminals identifies customers – and all EPOS operators – using no more than a **smartphone** (BLE or NFC technology), removing any need to recognize users via card or badge hardware.

For example, it is now easier to process customer loyalty operations, making payment receipt more secure, mobile and faster.

AURES supplies all compatible devices – hardware and virtual – for this reader: pre-programmed key-tag badges (iClass 2 KB), self-adhesive chips (also pre-programmed) and standard badges (credit-card format), as well as virtual credentials for use with smartphones.

Virtual credentials are secured via encryption keys and managed on remote servers, guaranteeing optimum security for all operations covered.



Apart from the EPOS sector, this smartphone and AURES card reader-based identification technology is also compatible with access-control applications (identifying people at entrances to buildings, staff canteens, etc.).



# MSR/RFID READER

## MODEL SANGO & YUNO MSR/RFID READER

MSR Reading	3 tracks
NFC and BLE Reading	yes (via smartphones)
High-Frequency Reading	iClass Seos, iClass, MIFARE Classic, MIFARE DESFire EV1, MIFARE Ultralight, MIFARE DESFire 0.6, MIFARE Plus, CEPAS, PUV, FeliCa, other ISO 14443A, ISO 14443B, ISO 15693
Low-Frequency Reading	HID Prox, AWID Prox, Indala Prox, EM Prox family (E.g Acura), EM4550 (CSN only)
Indicators	bi-colour LED (green = ready to use; red = in use)
Output Format	Keyboard emulation and CCID and PC/SC mode - configured via web interface

## ENVIRONMENT

Dimensions (L x P x H)	66 x 49 x 43mm
Weight	60g
Associated accessories and badges	Pre-programmed iClass key tag (2 kB memory)
(optional extras)	Self-adhesive chips (pre-programmed)
	Standard pre-programmed badges (credit-card format)
	Virtual badges (virtual credentials - for smartphones)



Specifications are subject to change without notice - © AURES 2016