

The ClearHands badge is a plastic UHF RAIN RFID passive (no battery), ID badge used for the indoor identification and location of personnel in a healthcare facility. It's a low-cost ID badge which can incorporate different identification Technologies in the same badge: RAIN RFID UHF for long distance reading, contactless HF NFC for short distance reading and cryptographic chip with added security for digital signature and secure transaction applications.

The ClearHands ID badge eliminates the need to carry multiple ID badges to cover different functions.



Technical Specification

Dimensions	Standard ISO/IEC 7810#ID-1. 85.60 × 53.98 mm (3.370 × 2.125 in)
Operating Frequencies	860-960 MHz - 13.56 MHz
UHF RAIN RFID Reading distance	Up to 8m (25 ft.) near human body and up to 16m (50 ft) in free air
UHF Chip	ISO 18000-63 - Impinj MonzaR6
HF Chip (optional)	ISO 14443. NXP MIFARE / DESFire 1kB - 8kB
PKI Chip (optional)	Inside Secure AT90SC28872RCU (01 0B)

