



# Specification- SmartHub Pro

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## Specification Sheet – SmartHub Pro

### Device

The ClockedIn SmartHub Pro is an Android operating system device with Palm Vein reading technology. ClockedIn's solution extends beyond conventional IR-only systems by simultaneously capturing both NIR vein data and RGB surface imagery. The palm vein camera has an improved speed, high resolution, suitable for any palm and is convenient and simple to operate.



## Main Specifications

- Operating System: Android 11
- Biometric Technology: Palm vein + palm print (RGB + IR)
- Display: 5" LCD touchscreen (App installation supported)
- QR Code Support: Yes (3–20 cm)
- Access Control Function: Supported
- Verification Options: Cloud / Local
- Fintech Suitability: Yes
- Battery: None (External power required)
- Palm Vein Recognition Speed: <1 second
- Server-side Matching Speed: ~315 ms (including large-scale databases)
- Transmission Encryption: HTTP + SSL
- Storage: Encrypted database storage
- Encryption Standard: AES-256 CBC

## Interfaces & Connectivity

- Wiegand 26/34 adaptive transmission
- Enabling Signal: COM / NO / NC
- USB Interface: Yes
- Serial Port: RS485
- Communication: Wi-Fi / USB / RJ45
- Device Size: 15 x 15 x 3 cm
- SDK/API Support: Yes
- Power Input: 9–15V DC
- NFC: Standard Type A/B Contactless Card