



*Coming soon

TIMETEC HUBOT

For Intelligent Building & Smart Community

Artificial Intelligence • Autonomous • Security

TimeTec Hubot is a universal and programmable smart mobile robot which has been loaded with various interesting autonomous features, tailored to suit cloud-based TimeTec Access, TimeTec VMS for Intelligent Building 4.0, and i-Neighbour Smart Community 4.0. Hubot is programmed to interact with human through vision, speech and body language, to achieve both automation and security for the visitor management at office towers and residential communities. Hubot can register walk-in visitors, verify pre-registered visitors, receive and dispatch deliveries on behalf of the recipients, perform security patrol, report to the control room and many more. Hubot is taking artificial intelligence to the next step for a better, safer and more efficient community.



i-Neighbour & TimeTec VMS integration
Built-in with i-Neighbour App and TimeTec VMS App to carry out the entire visitor management for residences and office towers.



Built-in Video Call
Built-in with Video Call feature for communication between visitors, residents and office tenants.



Automation to Reduce Manpower
Improve automation to reduce or achieve unmanned guardhouse & reception counter



Visitor Verification
Visitors can slot-in MyKad/Driver's license with fingerprint module for identification; totally DIY.



Built-in OCR & Printer
Embedded with Optical Character Recognition (OCR) Technology to read MyKad/Driver's license and passport as well as comes equipped with printer to print visitor pass.



Visitee Notification
Send notification to visitee once visitor has been successfully checked-in.



Integrate with Smart Lift
Integratable with TimeTec BLE-16 permits Hubot to take lift to designated floor to dispatch items to residents/tenants



Integrate with Smart Access
Integrate Hubot with TimeTec BLE-2 and TimeTec BLE-5 for it to access smart turnstile, smart door and to automatically check-out visitors.



Hubot Security Patrol
Perform patrol jobs with route track and video analytics features.



Duress Situation
Alert tenants and visitors to evacuate building during duress situation.



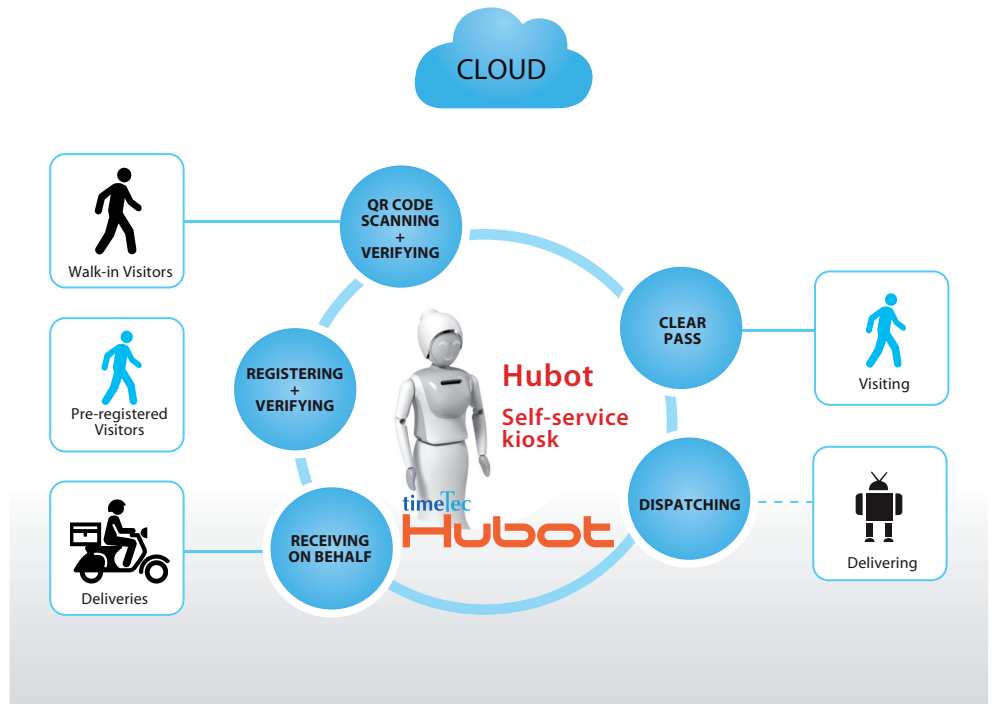
Control Room Integration
Alert person-in-charge or security supervisor in the control room whenever there is any out-of-the-ordinary scenario.



Visitor Greeting & Self Check-in Kiosk
Speech is incorporated to welcome visitors and Hubot also functions as a self check-in kiosk.



TIMETEC HUBOT FOR VISITOR MANAGEMENT



SPECIFICATIONS

MODEL	TimeTec Hubot -X
UPPER BODY MOVEMENT	<ul style="list-style-type: none"> 4 DOF • 2-axis head movement • 1-axis left shoulder • 1-axis right shoulder • 1-axis torso joint
DRIVING WHEELS AND ENCODERS	2 differential driving wheels, stepper motors with incremental rotary encoders.
CAMERA-1	720p HD
CAMERA-2	720p HD with RGB Sensor
SPEAKER OUTPUT	2.5W
MICROPHONES	Approx. 110 db SPL (1 kHz, 3% distortion, 0 db SPL = 2 x 10 ⁻⁵ Pa)
LIDAR	<ul style="list-style-type: none"> • Max detection 12 m • resolution 0.2 cm • < 8000 sample rate
ON-BOARD MICROPROCESSOR	<ul style="list-style-type: none"> • Intel i5 processor • GB RAM • 128 GB SSD • 1x HDMI port • 1 x Headphone/Microphone jack • 4 x USB 3.0 • Intel Dual Band Wireless AC 8260
ON-BOARD MICROCONTROLLER	Atmel SAM3x8E ARM Cortex-M3 CPU and ATmega328P
POWER SUPPLY	LIPO Battery (16000mAH)
WEIGHT	Approx. 25 kg
HEIGHT	1.1m
APP & CLOUD	TimeTec Access, TimeTec VMS, I-Neighbour
LANGUAGE & SPEECH	English, Arabic, Malay, Indonesia, Spanish, Chinese, Thai, Turkish, Vietnamese. <i>Other languages are available upon request.</i>

NOTE: Specifications are subject to change without prior notice.

Authorized Reseller: