



# 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

Embedded with Optical Character Recognition (OCR) technology to read Driver's License, Identity card and Passport to speed up visitor's registration process.



### 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.

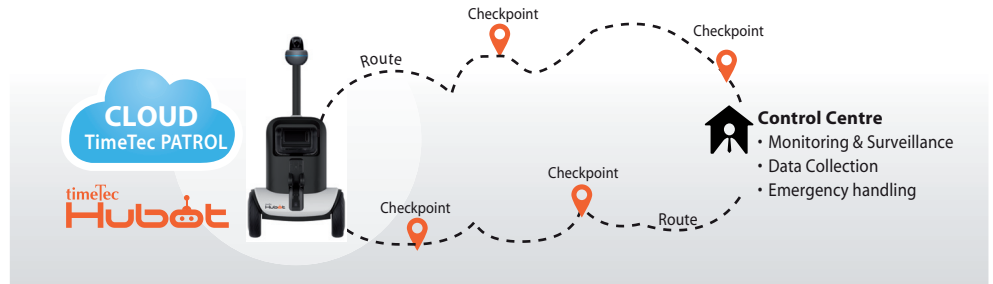


## SYSTEM DIAGRAM

### VISITOR MANAGEMENT



### PATROL SYSTEM



## SPECIFICATIONS

<b>MODEL</b>	TimeTec Hubot XV Visitor Reception Robot	TimeTec Hubot XP Patrol Robot
<b>DIMENSION, MM</b>	1219.8 x 574 x 314	1225 x 574 x 314
<b>MOVEMENT</b>	Traversable along paved road and sidewalks, packed dirt, slopes, obstacles (1cm), gaps (3cm)	
<b>DRIVING WHEELS AND ENCODERS</b>	2 differential driving wheels, nominal power 400 W x 2 with high precision hall and magnetic encoders	
<b>CAMERA</b>	Front facing camera 720p HD	PTZ Camera 720p HD
<b>INPUT</b>	Keyboard, camera	-
<b>OUTPUT</b>	Voice greeting & guidance	Siren Strobe light
<b>ON BOARD SENSORS</b>	Ultrasonic sensors, infrared distance sensors, encoders, IMUs	
<b>ON BOARD SYSTEM</b>	Android 5.1	
<b>CONNECTIVITY</b>	WiFi (802 b/g/n), NFC, Bluetooth 5.0	
<b>BATTERY SPECS</b>	Battery capacity 6450mAh, nominal voltage 51 Vdc, maximum charging voltage 58.8 Vdc	
<b>WORKING DURATION</b>	8 hours	
<b>WEIGHT</b>	Approx. 32 kg	
<b>APP &amp; CLOUD</b>	TimeTec VMS, i-Neighbour	TimeTec Patrol
<b>LANGUAGE &amp; SPEECH</b>	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:



**timeTec**  
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