





Key Features of WISO 4.0

Flexible Arms and 360° Movements

Humanoid Design

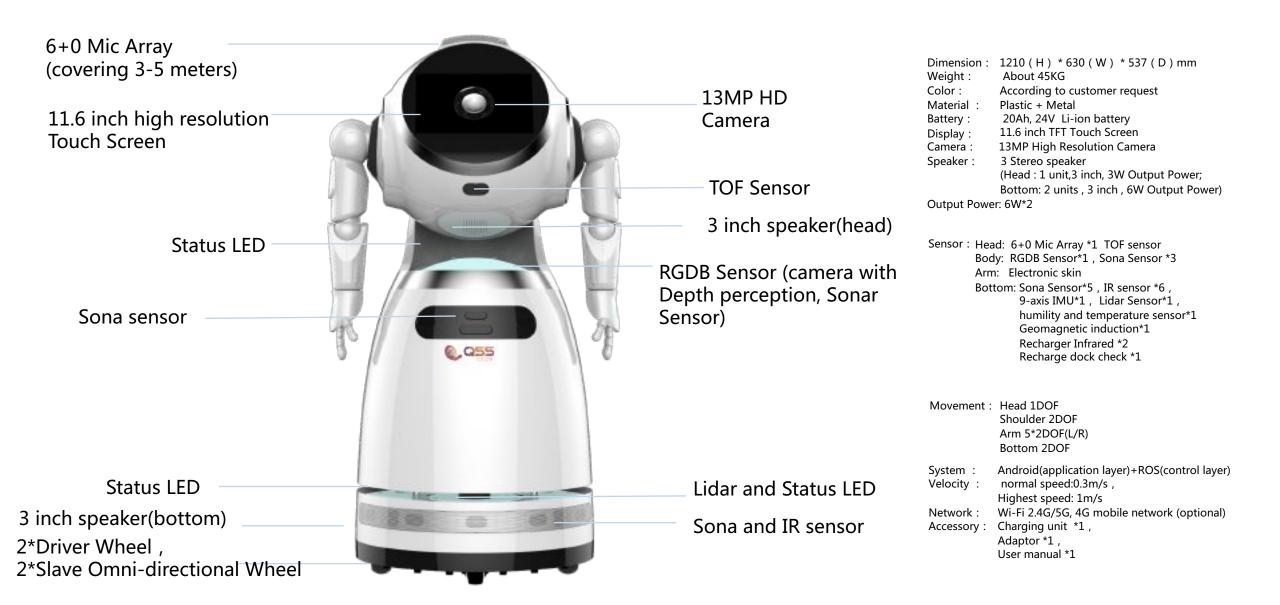


- 15 movements
- 12 movements on shoulder and arms
- 360° abrasion resistant and quiet omnidirectional wheels

User-friendly

- $\checkmark \ \ \, \text{Trustable and} \\$
- ✓ Rich full expression
- ✓ Smooth and stable movement





SLAN Localization Technology

DGWorld SLAM is an abbreviation of our proven SLAM (simultaneous localization and mapping) Technology, which uses real-time positioning and mapping to avoid obstacles.



Real-time positioning and mapping

6 major sensors that are distributed in a 360° annular sensory array

- $\checkmark\,$ Adapt to easily to environments
- $\checkmark\,$ Arrive at any location with precision
- ✓ Optimized for Indoor applications



Automatic Recharging



Automatically return to its self-recharging dock based on infrared sensors

8 hours working time (24hrs standby)

Conductive wheeling charging technology

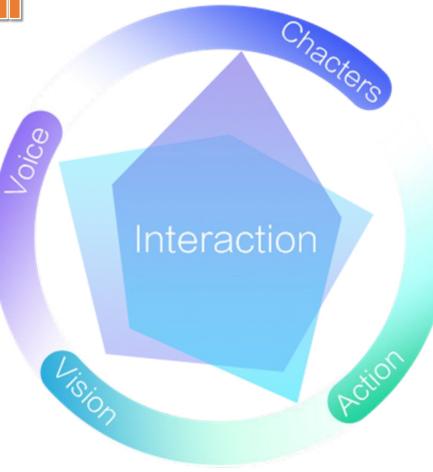
- $\checkmark\,$ Stable and accurate auto charging with low power consuming
- Multiple charging methods: Directive recharging, preset recharging and automatic recharging



Multi-modal Interaction

"Modality " means "sense". Multi-modal interaction is an interaction with voice, action, text, expression and other modes of communication to make the users feel more like to a humanlike robot instead of machine.

- ✓ More expressive
- ✓ More humanlike
- ✓ More vivid



Facial Recognition

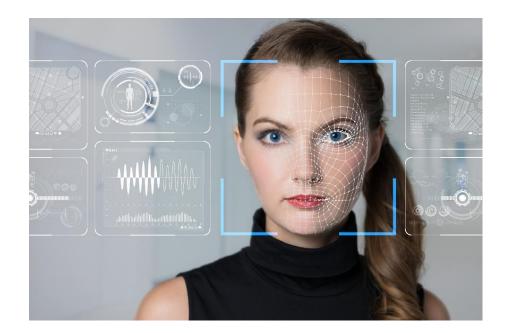
Unique Face Recognition Algorithm



Extensive public and specific training data to achieve high performance of 98% recognition accuracy

Face recognition at long distance

- ✓ Fast detection
- ✓ More accurate
- ✓ Improved user experience



Speech and Interaction

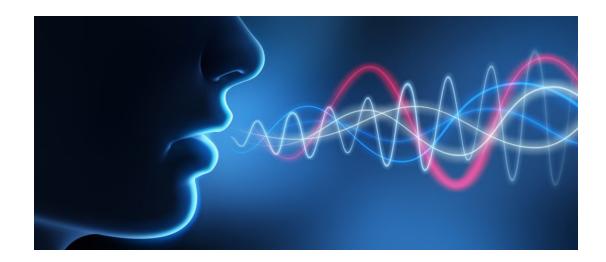
Unique Speech Recognition Algorithm



Extensive public and specific training data to achieve high performance and recognition accuracy

Array Microphone enables perfect communication even in crowded and noisy surroundings

- ✓ Speaks and understands English and Arabic
- ✓ Faster communication with WIZO
- ✓ Improved user experience



Enhanced Safety with E-skin



The E-skin Technology will stop the arm movement when any obstacles are detected, to avoid any unexpected harm to people or objects.

Features of the Electrical Skin :

- ✓ High sensitivity
- ✓ Fast response
- ✓ Soft
- ✓ Large detecting area

Centralized Control System

Multi-machine centralized control system (map management, real-time motion control, audio and video playback)

Multiple Robots patrolling control

Remote advertising pushing on multiple robots simultaneous



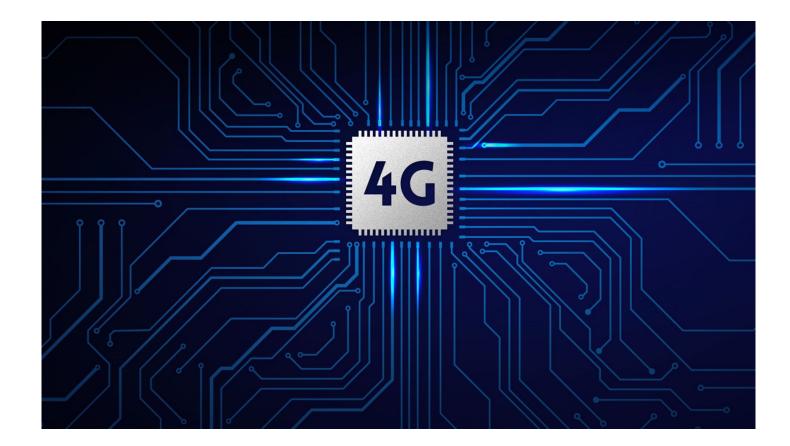
- ✓ Multi-robots centralized control system (PC+WAP)
- ✓ Advanced intelligent way of patrol (self-driven and preset route operation)
- $\checkmark\,$ Convenient advertisement and notification pushing

Communication

- ✓ Integration in the existing WIFI Infrastructure (dedicated WIFI Network recommended)
- ✓ WISO 4.0 is supporting 4G router as back up network in case WIFI is not available

Please Note:

WIZO 4.0 will require a permanent Internet access to activate all availlable features.



Big Data Analysis and Management

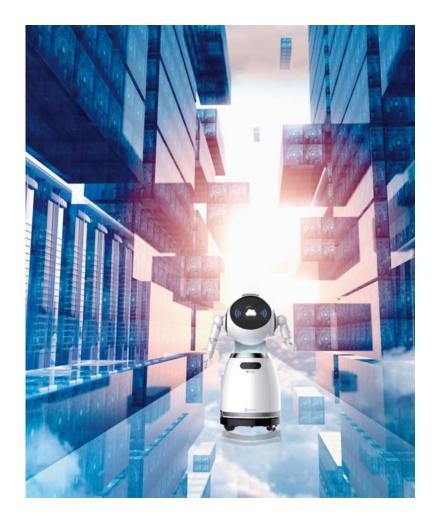
Data acquisition , storage, and analysis



Discover effective information to obtain better business value

Connect WISO to your current Infrastructure and Applications

- ✓ High-efficient data acquisition
- ✓ Secured data storage at your Servers
- ✓ Intelligent data analysis



Video Conference System

WISO provides voice and video functions that supports cloud computing and uses a high-definition audio and video to ensure smooth transmission for remote conferences.

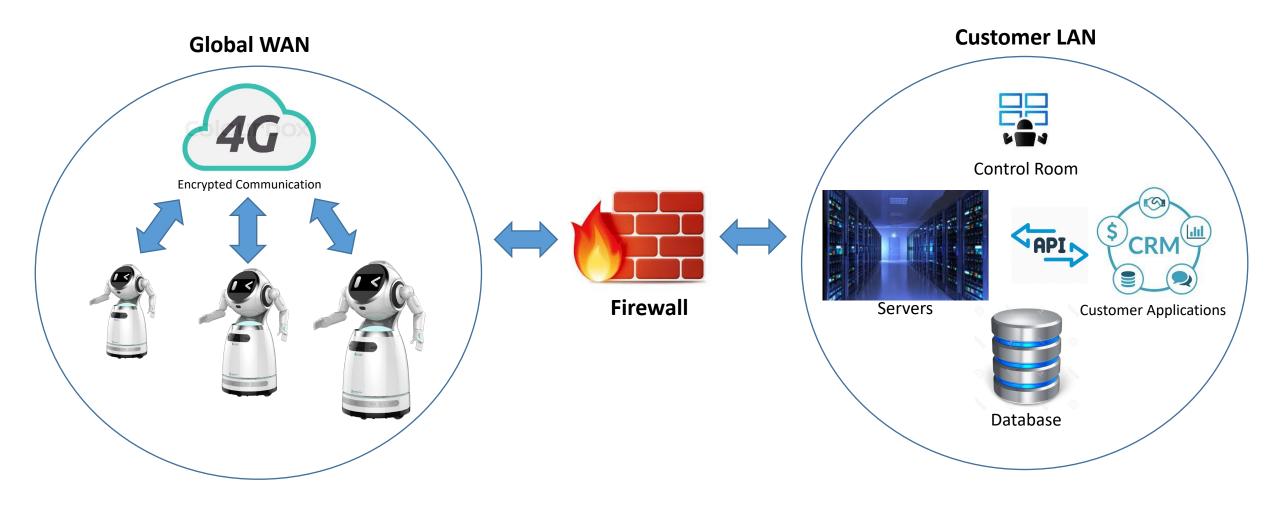


Video conferencing and video-based customer servicing

High-definition audio and video codec

Secured video data transmission









Customized Features

The following options can be integrated in WISO 4.0

- Saudi ID Card Reader
- Credit Card Payment System (POS)
- Integration of your own individual Mobile Apps
- Ticket and Receipt Printer
- Coffee and Document Tray