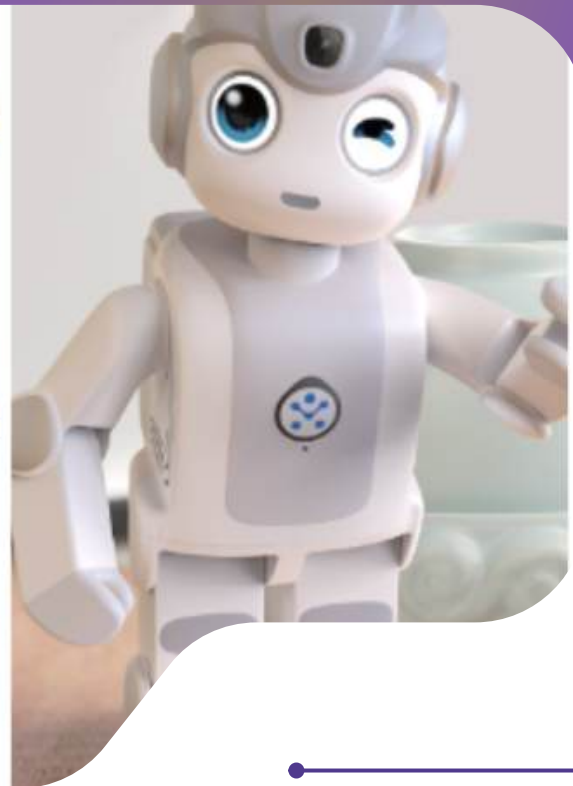




The Complete Guide to AI Companion and Caring Robots for Hong Kong Healthcare Facilities

*Choose the Right Robotic Solutions for
Enhanced Care*

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Why This Guide Matters?

Healthcare facilities across Hong Kong are facing unprecedented challenges: **staffing shortages**, **increasing patient loads**, and the **growing need for specialized care** for aging populations.

AI companion robots are emerging as a proven solution to enhance patient care while reducing operational burden.

This comprehensive guide helps you:

- Compare nine leading robotic solutions available in Hong Kong
- Understand practical applications in healthcare settings
- Make informed decisions based on real-world implementation data
- Navigate local regulations and cultural considerations

Why Choose a Hong Kong AI Partner?

Parami AI provides what international vendors cannot:

Deep Local Expertise

Understanding of Hong Kong regulations, cultural needs, and healthcare practices

Immediate Support

Same-day technical assistance and on-site training

Proven Track Record

Successful Hospital Authority implementation with measurable results

Cost-Effective Solutions

No international shipping, travel costs, or language barriers



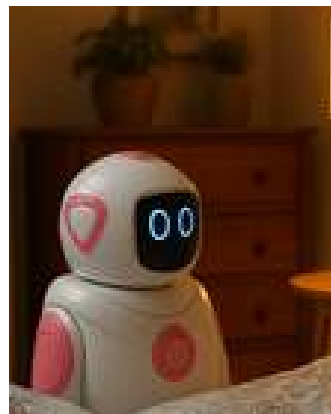
Quick Selection Guide by Purpose

Purpose	Best Robots ★ Parami's Robotic Solutions
Reception & Visitor Management	OrionStar Mini ★
Dementia & Memory Care	- Paro - Parami AI Pet ★ - Moflin
Physical Care & Mobility	- UBTech Walker S ★ - Engine AI ★ - Unitree G1 ★
Social Companionship	- Kebbi - UBTech Alpha Mini 1&2 ★ - Parami AI Pet ★ - Talkbo ★
Emotional Support	- Moflin - Paro - Parami AI Pet ★ - Talkbo ★
Entertainment & Group Activities	- Engine AI ★ - UBTech Alpha Mini 1&2 ★

Parami AI Solutions



Parami AI Pet



UBTech
Alpha Mini 1&2



UBTech
Alpha Mini 1&2

Parami AI Solutions



OrionStar
Mini



Engine AI



UBTech
Walker S



Unitree G1

Parami AI Pet: Localized Companion Pet

BEST FOR

- Dementia & Memory Care
- Social Companionship
- Emotional Support



KEY FEATURES

- Hong Kong-developed AI companion with advanced emotional recognition and real-time adaptive responses
- Purpose-built for nursing homes and elderly care with integrated caregiver alert system
- Native Cantonese optimization with cultural sensitivity built into core interactions

USE CASE IN NURSING HOME

- Provides specialized emotional support and interactive companionship for cognitive health, supporting dementia therapy
- Gives caregivers respite while maintaining quality resident interaction

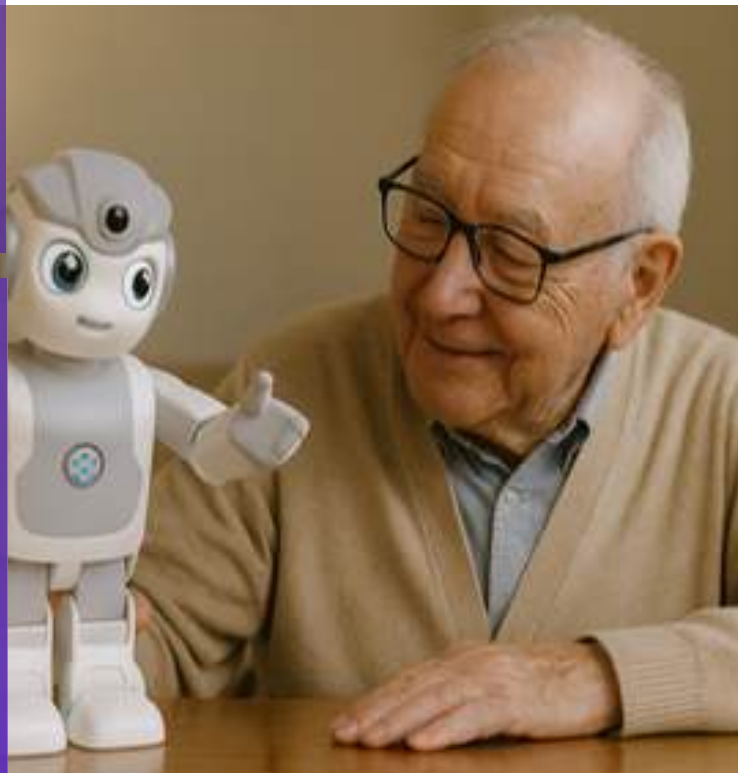
HONG KONG ADAPTATION

- Natively developed for Hong Kong care settings with deep understanding of local requirements
- Seamlessly integrates Cantonese language patterns and regional social cues for authentic interactions
- Provides direct local support by Parami AI

UBTech Alpha Mini 1&2: Affordable Daily Companion

BEST FOR

- Social Companionship
- Entertainment & Group Activities



KEY FEATURES

- Compact, expressive companion robot with LCD eyes and facial recognition technology
- Voice-controlled operation with comprehensive mobile app support for easy management
- Flexible movement capabilities including dancing, kung fu, and interactive gestures

USE CASE IN NURSING HOME

- Delivers social companionship, medication reminders, and alarm management
- Provides physiotherapy cues and exercise guidance to reduce staff workload
- Engages residents in conversation, games, and culturally appropriate entertainment

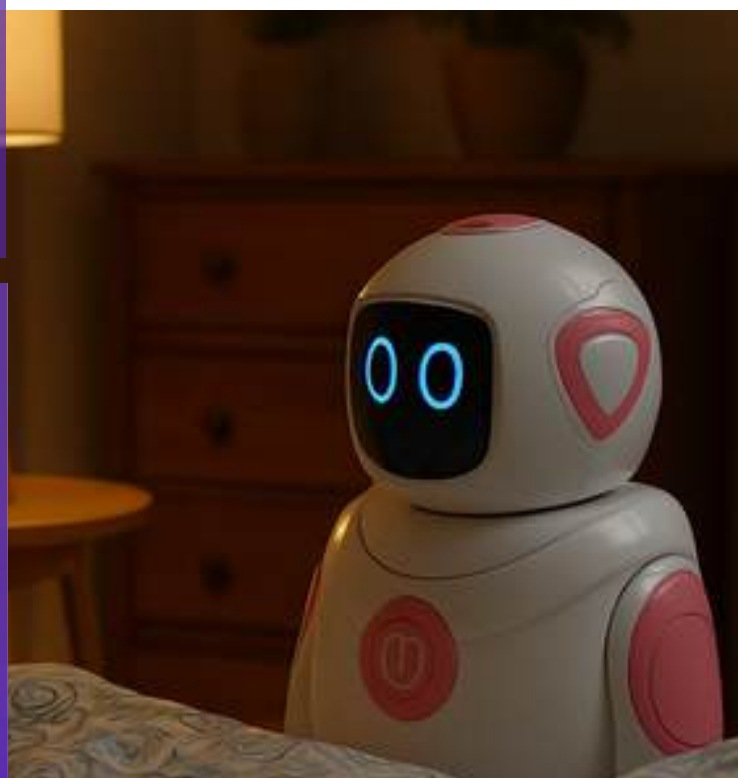
HONG KONG ADAPTATION

- Ultra-portable design fits seamlessly into small resident rooms and common areas
- Customizable Cantonese voice interface with tailored local entertainment content
- Affordable entry point for facilities beginning their robotic care integration journey

Talkbo: Smart Conversational Robot

BEST FOR

- Speech and Language Rehabilitation
- Educational and Language Learning Programs
- Social Companionship



KEY FEATURES

- **Conversational Intelligence:** Real-time natural speech understanding and emotional tone adaptation for authentic, human-like conversations.
- **Bilingual & Localized:** Supports Cantonese, Mandarin, and English, ideal for Hong Kong's multilingual communities.
- **Educational & Cognitive Training:** Provides personalized exercises and language games to stimulate memory and learning abilities.

USE CASE IN NURSING HOME

- **Daily Companionship:** Offers friendly conversations and emotional support to reduce loneliness and isolation.
- **Cognitive Stimulation:** Conducts personalized language games and memory exercises to maintain mental agility.
- **Therapeutic Support:** Assists speech and language therapists by reinforcing training outside formal sessions, with adjustable tone and pace suitable for seniors.

HONG KONG ADAPTATION

- Localized voice database with Hong Kong-accent Cantonese and cultural idioms.
- Adaptable for elderly care, therapy, and education with adjustable speech rate and tone.
- Seamlessly integrates with Parami AI's BrainBOT and MegaCHAT ecosystem for content customization and conversational updates.

OrionStar Mini: Complete Care Assistant Solution

BEST FOR

- Reception & Visitor Management



KEY FEATURES

- Compact design for small spaces
- Advanced voice recognition and 4-inch interactive HD screen
- Multi-language support, indoor navigation, people detection, and greeting
- Customizable broadcasts, health monitoring, fall detection, and visitor registration

USE CASE IN NURSING HOME

- Guides residents throughout facilities and supports continuous health monitoring
- Acts as a virtual doctor for basic consultations and assists in fall detection
- Enables telepresence for remote family communication and medical consultations
- Provides companionship through interactive conversations and medication reminders

HONG KONG ADAPTATION

- Compact design ideal for space-constrained local care homes
- Native Cantonese support alongside other languages for diverse resident populations
- Integrate seamlessly with local facilities with full capability from visitor management, telehealth, to staff efficiency

Engine AI: Entertainment and Mobility Robot

BEST FOR

- Physical Care & Mobility
- Entertainment and Group Activities



KEY FEATURES

- General-purpose humanoid robotics platform with advanced force-control and motion algorithms
- Capable of complex whole-body movements, dance, and high-dexterity tasks
- Customizable platform suitable for commercial services and healthcare applications
- Robust design for multiple industries with flexible programming capabilities

USE CASE IN NURSING HOME

- Assists with physical support tasks and basic mobility assistance for residents
- Offers entertainment value through group activities such as interactive performances

HONG KONG ADAPTATION

- Developed in nearby Shenzhen, enabling rapid regional customization and technical support
- Cultural relevance demonstrated through "Hong Kong cinema nostalgia" integration in demos
- Adaptable to local institutional needs with proximity advantage for ongoing development

UBTech Walker S: Humanoid Care Assistant

BEST FOR

- Physical Care & Mobility



KEY FEATURES

- Full-size humanoid robot with four degrees of freedom, advanced sensors and model-based AI control
- Bipedal locomotion, dexterous manipulation, and sophisticated whole-body control
- Professional-grade build quality for intensive healthcare environments

USE CASE IN NURSING HOME

- Provides mobility assistance and object manipulation for daily tasks
- Supports basic caregiving activities and rehabilitation exercise guidance
- Interacts with residents
- Assists staff with routine tasks

HONG KONG ADAPTATION

- UBTech's established Hong Kong operations ensure reliable local deployment and servicing
- Fully adaptable for Cantonese interface and region-specific care protocols

Unitree G1: Agile Item Fetcher

BEST FOR

- Physical Care & Mobility



KEY FEATURES

- Compact humanoid with degrees of freedom and advanced AI capabilities
- 3D LiDAR, and depth cameras for spatial awareness and navigation
- High agility with stable bipedal walking and precision dexterous robotic hands
- Modular sensor options for customized healthcare monitoring capabilities

USE CASE IN NURSING HOME

- Fetches items and delivers supplies efficiently throughout care facilities
- Supports rehabilitation exercises with precise, guided movements
- Serves as a demonstration tool for staff training and resident education programs

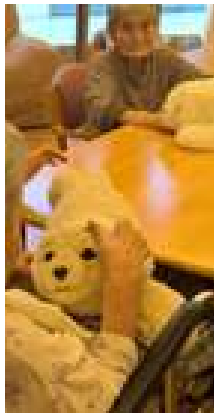
HONG KONG ADAPTATION

- Lightweight and agile design perfect for navigating crowded, multi-level care homes
- Programmable for basic Cantonese communication and local social interaction norms

Other Solutions



Moflin



Paro



Kebbi

Moflin: Companion Pet

BEST FOR

- Dementia & Memory Care
- Emotional Support



KEY FEATURES

- AI-powered pet robot with luxurious soft fur and authentic tactile experience
- Emotion recognition with adaptive behavior that evolves through interaction
- Individualized "healing" responses designed specifically for therapeutic companionship

USE CASE IN NURSING HOME

- Provides emotional support for isolated seniors who cannot care for live pets
- Reduces loneliness and provides calming comfort for residents with dementia or anxiety

HONG KONG ADAPTATION

- Allergen-free pet option complies with strict local care home health policies
- Integrates seamlessly into existing therapy programs as enhanced animal therapy alternative



Paro: Clinically Proven Dementia Care

BEST FOR

- Dementia & Memory Care
- Emotional Support

KEY FEATURES

- Therapeutic seal-shaped robot with comprehensive sensory integration including tactile, light, sound, temperature, and posture sensors
- Designed for emotional therapy
- Responds intelligently to touch and voice with antibacterial fur for hygiene safety

USE CASE IN NURSING HOME

- Globally used for dementia care, effectively calming patients and reducing behavioral stress
- Medically certified therapeutic device with proven clinical efficacy worldwide
- Responds intelligently to touch and voice with antibacterial fur for hygiene safety

HONG KONG ADAPTATION

- Successfully deployed and clinically evaluated in Hong Kong geriatric units and hospitals
- Validated by local university studies confirming significant improvements in mood, motivation, and communication

Kebbi: Smart Content and Game Assistant

BEST FOR

- Social Companionship



KEY FEATURES

- Interactive robot with advanced facial recognition and highly expressive movement capabilities
- Servo motors enabling nuanced gestures and culturally appropriate body language

USE CASE IN NURSING HOME

- Provides cognitive games, comprehensive mood assessment, and personalized reminders
- Enables remote content management for dynamic programming and therapy updates

HONG KONG ADAPTATION

- Native support for Mandarin, Cantonese, and English—perfect for Hong Kong's trilingual elderly population
- Already successfully deployed in Hong Kong education and research institutions



How the Hospital Authority Used Parami AI's Robotic Solution to Help Physicians Assess Dementia and Other Cognitive Behaviors

SOLUTIONS

Parami AI Robotic Solution

TECHNOLOGY

AI
Natural Language Processing
Robot
Temi Robot AI Integration

CHALLENGES

Therapists relied on traditional, manual methods to evaluate patients' cognitive behaviors, which were time-consuming. This process also resulted in lengthy waiting times for patients, hindering the overall efficiency and effectiveness of the healthcare delivery system. The two major challenges are:

- Efficiency: The traditional methods used by therapists to assess patients' cognitive behaviors were labor-intensive and inefficient.
- Long Waiting Time: Patients experienced long waiting times for their cognitive assessments due to the inefficiencies in the traditional evaluation methods.

SOLUTION

The Hospital Authority partnered with Parami AI to digitalize the way therapists assess patients' cognitive behaviors, implementing a cutting-edge AI robotic solution that transformed their approach.

RESULT AND BENEFIT

By integrating Parami AI's advanced robotic solution, the Hospital Authority not only improved operational efficiency but also set a new standard for precision and reliability in cognitive assessments, ultimately enhancing patient care and operational excellence.

- Achieved a consistent and high-quality standard in cognitive assessments, reducing variability and improving reliability.
- Streamlined daily tasks, allowing therapists to focus more on patient care and less on administrative duties.
- Enabled the systematic collection and analysis of assessment results, facilitating better-informed decision-making and continuous improvement.

Why Parami AI is Your Ideal AI Solutions Implementation Partner



Localized Expertise

As Hong Kong's first Cantonese AI innovation company, we understand your market like no other vendor. Our advanced speech-to-text technology and cultural insights ensure seamless integration with local healthcare practices.



Award-Winning Innovation

- National Invention Exhibition Bronze Award
- Hong Kong Retail Innovation Award
- ICT Smart Business Award
- Proven track record with Hospital Authority implementation



True Partnership Approach

We're not just technology vendors—we're your long-term strategic partner. We guide you through every implementation stage, recommend solutions based on your actual needs, and never oversell. Your success drives our success.



Comprehensive Business Expertise

Our team combines deep technical knowledge with healthcare industry experience. From consultation to co-development, we support you at every stage of your digital transformation journey.



Next Steps: Schedule Your Free Demo



GET FREE AI CONSULTATION

parami.ai/consultation

Our team will provide:

- ✓ Free Personalized consultation for your specific needs
- ✓ Live demonstration of recommended solutions and pilot program
- ✓ ROI analysis and implementation roadmap
- ✓ Answers to all your technical and regulatory questions