

UBOT

YOUR
TELEPRESENCE
COMPANION



UBOT

Virtual User - Real Environment



Step into a new era where our UBOT becomes your personal bridge, revolutionizing the way we communicate. Join us in shattering the barriers of distance, unlocking boundless connectivity as we transit into the realm of mixed reality.



Establish interaction between the client and UBOT through a customized web-based GUI

Instant connect with the UBOT in real-time

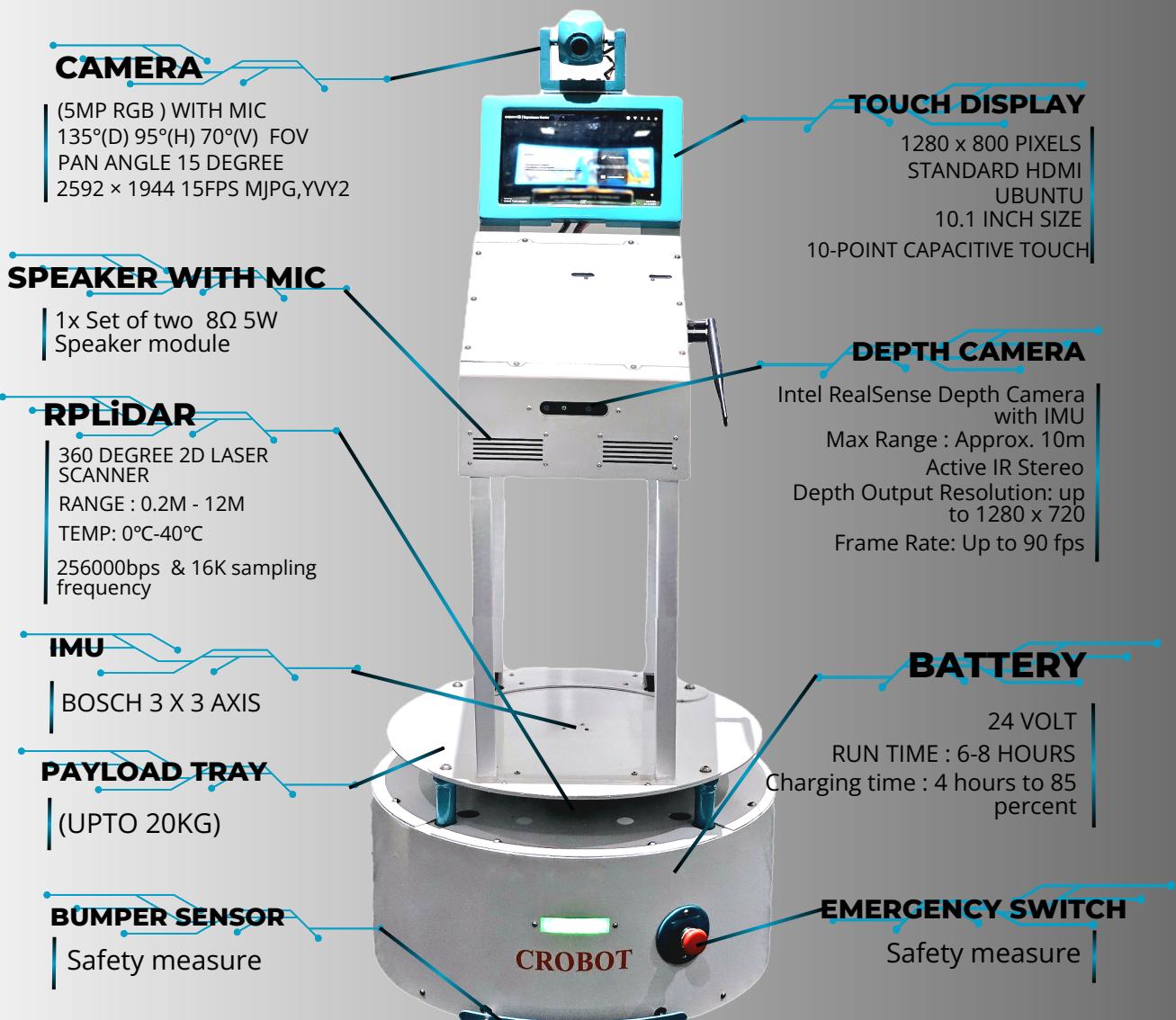


“Make your presence felt anytime anywhere”

UBOT empowers users to seamlessly monitor and engage with clients remotely



TECHNICAL SPECIFICATIONS



MOTORS
24V ORINETAL BRUSHLESS DC MOTORS
3000 RPM (MAX)
ENCODER : 30 PULSES PER REVOLUTION

WEB INTERFACE
UPTO 25 PERSONS CAN CONNECT WITH ROBOT

WEB DASHBOARD
DEDICATED USER LOGIN WITH MULTIPLE ROBOT CONNECTIVITY

- IMAGE DISPLAYED HERE IS FOR REPRESENTATION PURPOSE ONLY AND MAY VARY BASED ON USER APPLICATION

PROCESSOR, MEMORY AND STORAGE

NVIDIA® JETSON ORIN NANO DEVELOPER KIT - SOM

AI BOARD BUILT WITH JETSON ORIN NANO 8GB 128-BIT LPDDR5 68 GB/S

RICH SET OF IOs INCLUDING USB 3.2 GEN 2 PORTS, 2X M.2 KEY M FOR SSD, PRE-INSTALLED WI-FI MODULE, AND MORE

DELIVERS UP TO 40TOPS AI PERFORMANCE

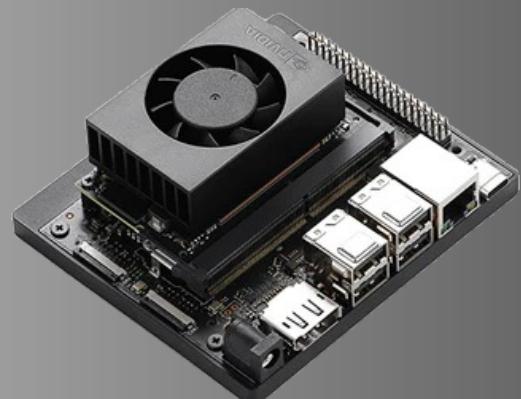
TWO MIPI CSI CONNECTORS THAT SUPPORT CAMERA MODULES WITH UP TO 4-LANES, ALLOWING FOR HIGHER RESOLUTION AND FRAME RATES.

GPU: 1024-CORE NVIDIA AMPERE ARCHITECTURE GPU WITH 32 TENSOR CORES

CPU: 6-CORE ARM® CORTEX®-A78AE V8.2 64-BIT CPU 1.5MB L2 + 4MB L3

STORAGE: 128 SD CARD PRE INSTALLED WITH ROS 1

SSD NVME 256GB VIA M.2 KEY



APPLICATIONS



FACTORY, INDUSTRIAL AND WAREHOUSE MONITORING



HEALTHCARE ASSISTANCE



TOURISM, RETAIL AND CUSTOMER SERVICE, EVENT PARTICIPATION



SECURITY AND SURVEILLANCE



CONSTRUCTION ELDERLY ASSISTANCE



EDUCATION AND REMOTE LEARNING

LIDAR AND VISION BASED OBSTACLE AVOIDANCE

SUBSCRIPTION MODEL BASED
ON USAGE FOR THE SOFTWARE
PACKAGE

LOCAL AND REMOTE
OPERATION OF THE
ROBOT

FEATURES OF UBOT

CUSTOM BUILT UI FOR REMOTE
OPERATION OF UBOT

FRONT AND REAR COLLISION
DETECTION USING BUMPER
MODULE FOR IMPROVED
SAFETY MEASURES

EMERGENCY STOP SWITCH TO
PREVENT UNFORESEEN ACCIDENTS



- END PRODUCT APPEARANCE MAY BE DIFFERENT FROM THE IMAGES