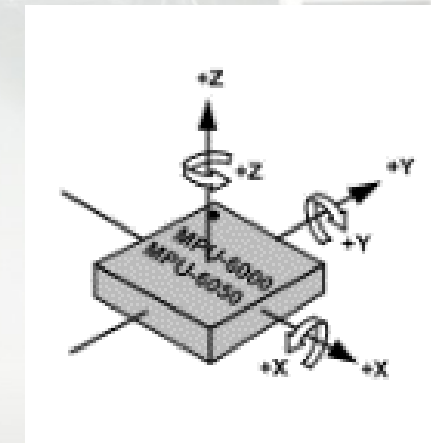
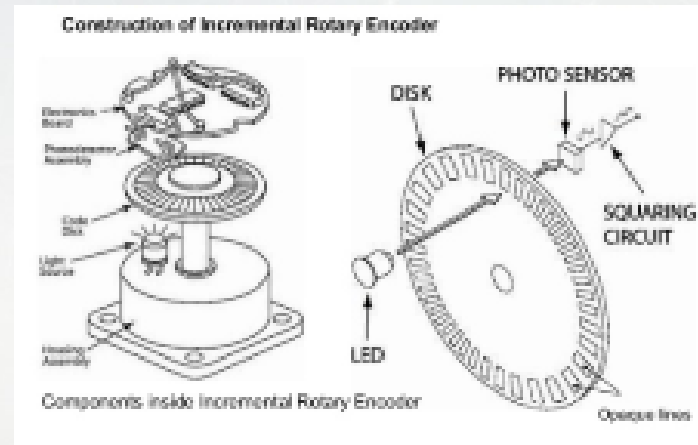
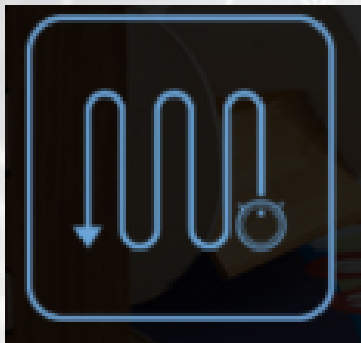


Inertial Navi. Model

M680GMA Introduction

Matsutek Inertial Navigation M660GMA2

- With Matsutek high precising & reliable Gyro heading angle algorithm, Matsutek AI 2.5 performs excellent systematic path planning such as Z type moving pattern
- At the same time, a sketchy map is built to have better stable coverage rate (every room cleaned) & efficiency and high docking success rate



M660GMA2 Inertial mapping @120M2



M79X LDS SLAM mapping



M660GMA 2 Gyro + encoder inertial mapping

- * each room cleaned
- * know where the dock station is
- * very high docking success rate

M660GMA2 Value Proposition

Intelligent

M660GMA2 series

- Built in high precision & reliable Gyro & main wheel encode for systematic path planning & sketchy map
- High & stable coverage rate & efficiency
- Much high docking success rate than Random type
- Much lower price than LDS mapping robot



Inertial mapping robot



Sensor based random robot

M790 series



LDS or Camera based Mapping robot

Price

M660GMA2 Specification

 MODEL	M680GMA2
FEATURE	
AI	AI- 2.5 (Gyro + Encoder)
Moving pattern	Z type , wall follow
Clean from where not cleaned	NA
Suction motor type	Brushless Motor
Suction Power	2054PA
Brush Roller	165mm Brush roller
Rechargeable battery	Li-ion Battery, 2800mA (4S1P)
Battery temperature detection	●
Adaptor	20V / 1.2 A
Cleaning time (Maximum)	working 80-85 min + docking 20 min
Docking station	●
IOT module	802.11 g/b/n
APP OS	Android / IOS
APP	schedule: 7 days / 24 Hr real time map remote control

- Inertial mapping achieves high coverage rate & efficiency ,much higher docking success rate than random type
- Much lower cost than LDS/Camera mapping Robot
- Suction power 210 mmaq = 2058 PA
- Li-ion 2900mAh battery , 80-85 min working time & 20 min docking time
- Mobile APP support

Bumper type	Soft-touch & BIR (IR*6)
Number of spinning side brush	2
Number of cliff-avoidance sensor	3
Over obstacle capability	1.5cm
Virtual wall	IR virtual wall
Auto cut-off & Buzzer alarm when wheels/brushes stuck or pick up or top lid removed	●
Red light on when power low	●
Remote control	NA
Charging time (Max.)	about 4-4.5 hr
Noise (approx.)	65 dBA
Dust bin size (approx.)	420 ml
Unit size (approx.)	320*82mm