

Patrol robotics

One operating vision. Five mission platforms.

01 F2

02 F2-MAX

03 M1

04 M2

05 X5

Choose by mission

Five platforms. One operating logic.

F2

Autonomous Security Patrol Robot

Outdoor security and general-purpose patrol

F2-Max

Advanced Public-Safety Patrol Robot

High-visibility public-safety and advanced analytics

M1

Compact Indoor Patrol Robot

Compact indoor inspection and facility safety

M2

Interactive Indoor Patrol Robot

Indoor guidance, messaging and patrol

X5

Wheel-Legged Patrol Robot Dog

Mixed terrain, steps and complex outdoor routes

Platform comparison

Indicative values from source specifications

MODEL	WEIGHT	MAX SPEED	PATROL	RATING	NAVIGATION
F2	120 kg	2 m/s	>=6.5 h	IPX5	3D SLAM
F2-Max	130 kg	2 m/s	>=6.5 h	IPX5	3D SLAM
M1	50 kg	1.5 m/s	>=8 h	IP32	2D SLAM
M2	61 kg	1.5 m/s	>=7 h	IPX3	3D SLAM
X5	43 kg	2 m/s	>=2 h	IP66	3D SLAM

Selection should also consider surface, weather exposure, required analytics, network architecture and local operating rules.

Match the platform to the environment

A decision framework for early project scoping

INDOOR AGILITY

M1 / M2

Compact footprint, smooth floors and public interaction.

OUTDOOR SECURITY

F2

General-purpose outdoor patrol and integrated surveillance.

PUBLIC SAFETY

F2-MAX

Higher sensor density, visibility and expanded analytics.

COMPLEX TERRAIN

X5

Steps, slopes, gravel and mixed indoor/outdoor routes.

Final selection requires route survey, network design, analytics scope and local compliance review.