



An innovative technology leader of tactical, security, and rescue equipment.



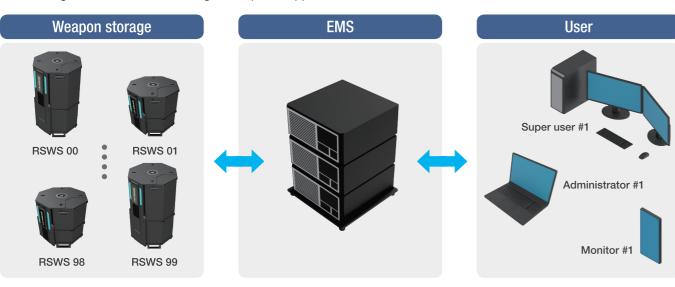
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Rotational Smart Weapon management System



- A system that manages the carry in & out of firearms in real time through personal identification information on the Central Management Web Server.
- The carry in & out of firearms through personal identification information such as fingerprints, passwords, iris and RFID TAGs in the weapon storage.
- Monitoring the status of gun carry in & out and the state of weapon storage (Temperature, shock) through IPC (Inter-Process Communication) with EMS (Element Management Server).
- Manage and back up to all databases on the management system.
- Central Management Web Server can manage 100 set of weapon storage simultaneously and each weapon storage can hold 10 of weapons.
- Administrators authorized by grade (Web client) connect to the Web server for real-time management (GUI program).
- Remote control of the weapon storage through the Central Management Web Server (Real-time gun checks, unlock side doors, etc.).
- Monitoring and remote control through smartphone applications.





Chief

function

Specifications (EMS / GUI program)

EMS			
Operating system	LINUX		
Simultaneous manageable RSWS	100		
GUI program			
Use environment	Chrome		
Simultaneous connecting user	20		

- · Graphical representation of weapon storage
- Weapon registration
- Real time weapon check
- Take in/out time check
- Event log / alarm
- Data backup

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Specifications (Weapon storage)





Model	RSWS-R1	RSWS-H1		
Weapon type	Rifle	Hand gun (Magazine)		
Weapon quantity	10	10 (30)		
Dimension (cm)	67 x 68 x115	67 x 68 x 68		
Weight (kg)	80	50		
Normal operation power	88~264 VAC, 2~3A			
Emergency power	Battery 12V, 12AH 20HR			
Take in/out at emergency	over 24 hour			
Side door unlock	Key or remote control			
Individual recognition method	Basic : Finger print, Password Option : Iris, RF ID tag			
Etc.	Weapon registration, Voice guidance, Vibration and temperature sensing			



Normal operation

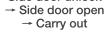
Stand by

Front cover open → Recognition

Front door open

Carry in /out

Side door unlock



Emergency















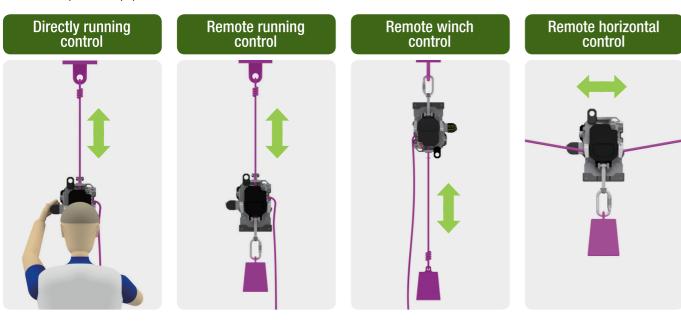






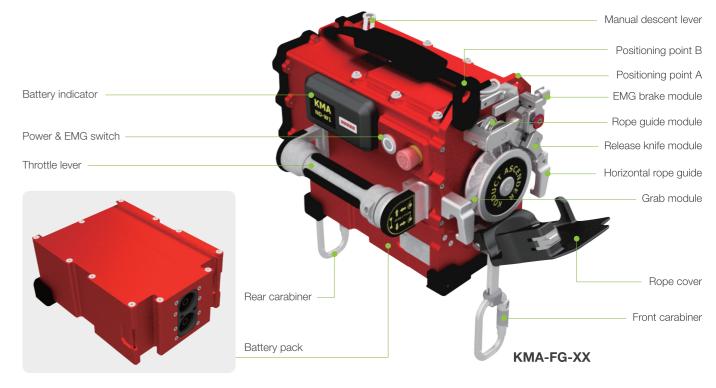
Feature

- The KPA uses portable power (Electric motors and gasoline engines) to pull or release ropes to safely and efficiently move loads vertically or horizontally.
- KPA is classified as **KMA** (KODUCT Motor Power Ascender) and **KEA** (KODUCT Engine Power Ascender).
- KMA can be ascended, descended and horizontally move by motor power, controlled directly by the driver or remotely by
- KEA ascend with gasoline engine power and descend manually, controlled directly by the driver.
- The KPA is equipped with a normal brake and emergency braking system independently, allowing safe descend in the event of an unexpected equipment failure.





Main part name





Line-up





Specifications

Model number	KMA-ML-S1	KMA-ML-L1(*)	KMA-ML-W1	KMA-RS-S1	KMA-RS-W1
Application field (Main color)		Military (Black)	Rescue (Red)		
Total weight (kg) / Voyage distance (m)	14.5 / 600	15.5 (14.8) / 600 (180)	15.5 / 600	14.5 / 600	15.5 / 600
Dimensions (W x H x L) (cm)	24 x 26 x 31	24 x 26 x 34	24 x 26 x 34	24 x 26 x 31	24 x 26 x 34
Working load limit / Maximum load limit (kg)	110 / 120	170 / 180	200 / 250	110 / 120	200 / 250
Ascending speed (m/s)	0 ~ 0.9	0~0.65 (0~1)	0 ~ 0.45	0 ~ 0.9	0 ~ 0.45
Ingress Protection		IP68	IP67		
Battery type / Battery charging time (min)	Li-ion (LiFePO4) / 90				
Fuel / oil tank capacity (Liter)	X				
Remote control distance (m)	100				
Body material	Aluminum alloy				

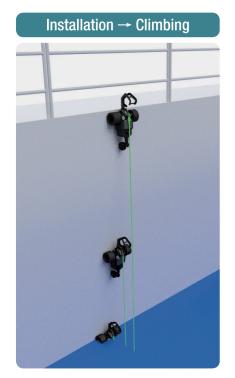
KMA-FG-S1	KMA-FG-W1	KMA-ND-S1	KMA-ND-W1	KEA-MN-S1	KEA-MN-W1
Fire station & Government (Red)		Industry (Blue)		Industry (Black)	
14.9 / 600	15.9 / 600	14.5 / 600	15.5 / 600	13.5 / 700	13.5 / 700
24 x 29 x 32	24 x 29 x 35	24 x 26 x 31	24 x 26 x 34	28 x 32 x 48	28 x 32 x 48
110 / 120	200 / 250	110 / 120	200 / 250	170 / 190	200 /250
0 ~ 0.9	0 ~ 0.45	0 ~ 0.9	0 ~ 0.45	0 ~ 0.45	0 ~ 0.3
IP66 IP65				IP	55
Li-ion (LiFePO4) / 90				>	(
)	0.63 / 0.1			
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Aluminum alloy					



Ship Boarding Support Robot



- Robot that attach to ship's outer surface and climb up to the target point with monitoring camera and hooking up to the ship's rail with rope or wire ladder and all-around security. It can support secretly and quickly board a ship in which a kidnapping or trouble has occurred.
- Images taken by cameras installed on the robot are transmitted wirelessly to multiple monitors (Main controller, portable controller, and Helmet monocular) to install hooks on ship rails and to all-around security the deck.
- Accessing the vessel above water or underwater, attaching the magnetic wheels of the robot on the outer surface of the ship and remote control with the main controller or portable controller.
- Under certain circumstances, the robot can be controlled in automatic /manual mode.







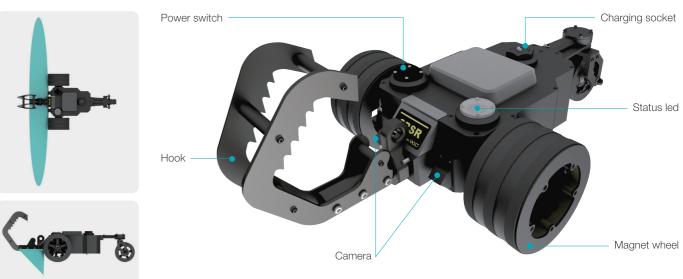
Specifications (SBSR)

Dimension (W x L x H) (mm)	420 x 740(690) x 290
Total weight (kg)	15
Drag weight (kg)	3
Maximum speed (m/s)	0.4
Grade ability (deg.)	105
Minimum ground distance (mm)	43

50	
50	
IP 67	
V: ±45, H: ±80	
12 V Li-ion battery	
30	



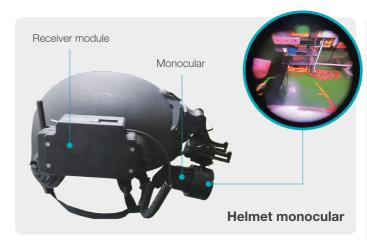
SBSR main part name



Specifications (Control & monitoring)

	Main controller	Portable controller (with wrist band)	Monocular + receiver module
Dimension (W x L x H) (mm)	400 x 330 x170	155 x 64 x 40	75 x Ф45
Display size (W x H) (mm)	200 x 114	42 x 31	15.3 x 10.2
Power	12 V Li-ion battery	3V Ni-cd battery	12 V Li-ion battery

Control & monitoring device





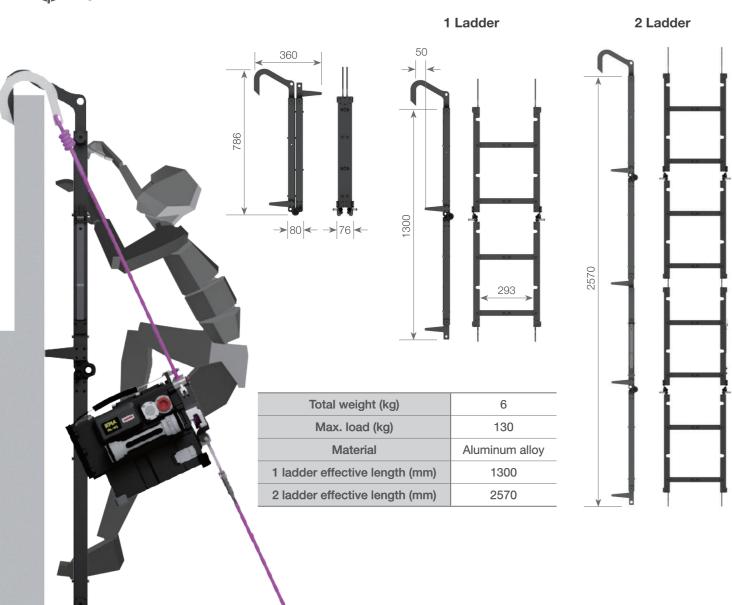


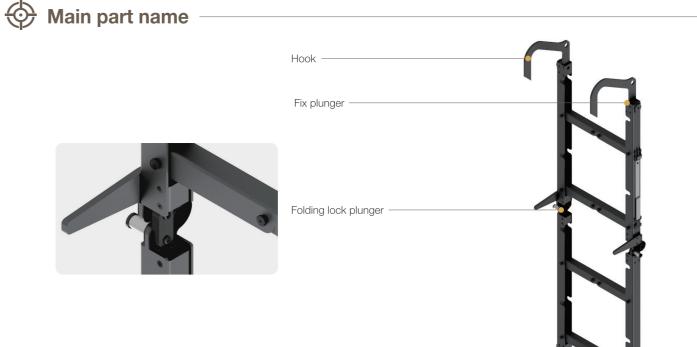


Feature

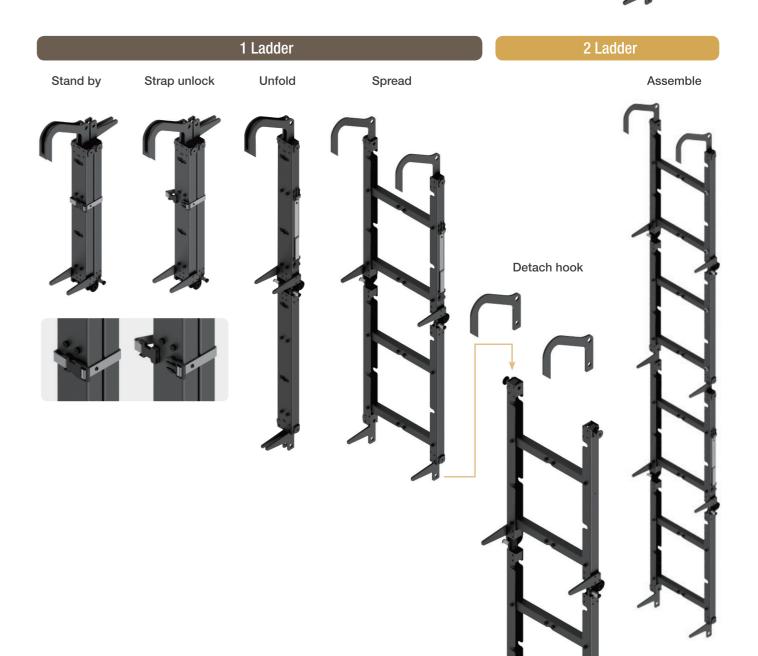
- Equipment that facilitates the overcoming of obstacles when climbing outer walls using ropes.
- Use this Tactical Fold Ladder when the rope fixing position is adjacent or behind the obstacle. When closer you approach the obstacle, the narrower the gap between the outer wall and the rope. It make difficult to overcome the obstacle.
- Hooks can be detached and ladders can be connected to each other, which can be used to overcome vertical obstacles.

Specifications





Joint leg





Koduct Ammunition Feed Chute



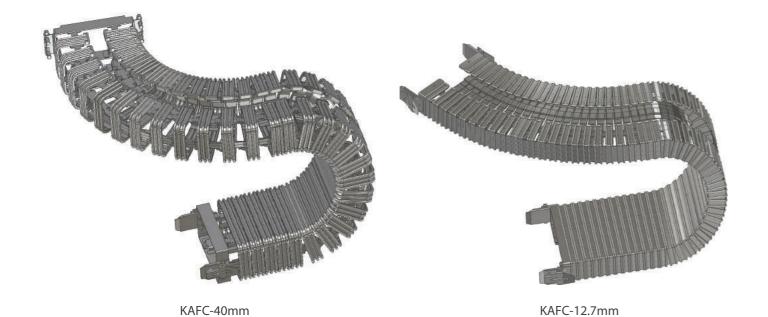
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- •구부러짐/뒤틀어짐/수축/팽창이 가능한 기계적 구조
- •미래전에서 필요한 무인원격사격통제시스템의 필수적인 장비
- •비선형,비접촉,비대칭전에서의 필수적인 요소

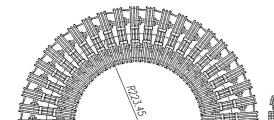
육군 대표 브랜드

Army TIGER 4.0

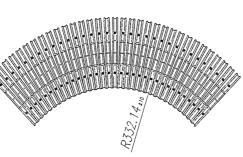


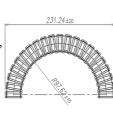
Specifications













Applications(machine gun)





Military robot

Infantry fighting vehicle

Armored personnel carrier

