



Product Number		Robots
	03020	KHR-3HV
	1150	KHR-2HV
Discon	1177	KHR-1HV
	3004	KHR-2HV Updated Version
	03009	KHR-2HV Autonomous Robot

		Demonstration robots
Discon	Demo01	Assembled KHR-1HV Acceleration sensor (1) Gyro sensors(2) Connection cables (2) Controller KRG-3AD- (1) Battery charger (1) Power Supply(1)
Demonstration robot	Demo02	Gyro sensors(2) Connection cables (2) Controller KRG-3AD (1) Battery charger (1) Power Supply(1) Maintenance
Demonstration robot	Demo02.up	Assembled KHR-2HV upgraded version: Acceleration sensor (1); Gyro sensors(2); Connection cables (2); Controller KRG-3AD (1); Battery charger (1); Power Supply(1)
Ready to use robot	Ready02	Assembled KHR-2HV: Acceleration sensor (1); Gyro sensors(2); Connection cables (2); Controller KRG-3AD (1) <i>Notice : the battery charger and power supply are not included in this set. (Thus, the time to charge the battery is longer).</i>
Discon	Ready01	Assembled KHR-1HV: Acceleration sensor (1); Gyro sensors(2); Connection cables (2); Controller KRG-3AD (1) <i>Notice : the battery charger and power supply are not included in this set. (Thus, the time to charge the battery is longer).</i>

Product Number	Extension Unit
01243	Pivot Turn Unit RSS-01
01212	Striker Conversion kit, bracket set
03008	Autonomous Robot Starter Kit
03033	Autonomous Robot Starter Kit 2
03032	Leg straddled frame set for KHR-3HV

Product Number		Servo motor
	01246	KRS-2352 ICS Red Version
	01247	KRS-2352 ICS Red Version (set of 10 pcs)
	01221	KRS-2350S HV Red Version
Discon	01190	KRS-4014S HV ICS Red Version
Discon	01191	KRS-4014S HV ICS Red Version (set of 6 pcs)
	01174	KRS-4024S HV ICS Red Version
	01175	KRS-4024S HV ICS Red Version (set of 6 pcs)
Discon	01148	KRS-4013HV ICS Red Version
Discon	01149	KRS-4013HV ICS Red Version (set of 6 pcs)
	01097	KRS-2350HV ICS Red Version
	01098	KRS-2350HV ICS Red Version (set of 10 pcs)
	01061	KRS-786 ICS Red Version
	01062	KRS-786 ICS Red Version (set of 12 pcs)
	01090	KRS-788HV ICS Red Version
	01091	KRS-788HV ICS Red Version (set of 6 pcs)
	01017	KRS-949ICS Red Version
	01174	KRS-4024S HV ICS Red Version
	01175	KRS-4024S HV ICS Red Version (set of 6 pcs)

New	03012	KRS-6003HV ICS Red Version (set of 18 pcs)
New	03017	KRS-2552HV ICS Red Version
New	03018	KRS-2552HV ICS Red Version(set of 10 pcs)
New	03019	KHR-3HV expanding servo set (5 pcs)
New	03028	KRS-4033HV ICS
New	03029	KRS-4033HV ICS (6pcs set)
New	03030	KRS-4034HV ICS
New	03031	KRS-4034HV ICS (6pcs set)

Product Number		Servo parts
HORN		
	01026	Free horn with bearing(12 pcs)
	01029	Low height servo horn(2pcs)
	01030	Low height servo horn(12pcs)
	01031	Free horn for KRS-784(2pcs)
	01032	Free horn for KRS-784(12pcs)
	01042	Aluminum low height servo horn (gun metallic)
	01043	Aluminum low height servo horn (gun metallic, 6pcs)
	01044	Aluminum free horn with bearing(gun metallic)
	01045	Aluminum free horn with bearing (gun metallic 6pcs)
	01051	Free horn (bush type)
	01052	Free horn (bush type) 4 pcs
Discon	01063	Alumi Clamp Horn
Discon	01111	Alumi Clamp Horn 2 pcs
Discon	01112	Alumi Clamp Horn 6 pcs
	01140	Aluminum free horn with bearing for KRS-4014/4024(gun metallic)
	01141	Aluminum free horn with bearing for KRS-4014/4024(gun metallic,
	01158	Plastic free horn for KRS-4024
	01159	Plastic free horn for KRS-4024(6pcs)
	01214	Hybrid hone (metal insert, black)
	01215	Hybrid hone (metal insert, black, 6pcs)
	02031	Aluminum Cramp Horn (for KRS-6000 series)
	02032	Aluminum Cramp Horn - set of 6 pcs (for KRS-6000 series)
	02033	Aluminum Free Horn (for KRS-6000 series)
	02034	Aluminum Free Horn - set of 6 pcs (for KRS-6000 series)
	02047	Small diameter hone (P.C.D. fai=12mm, M2, Offset=0) 2pcs set
	02048	Small diameter hone (P.C.D. fai=12mm, M2, Offset=0) 12pcs set
	02049	Free hone 2500B (P.C.D. fai=12mm, M2, Offset=+2) 2pcs set
	02050	Free hone 2500B (P.C.D. fai=12mm, M2, Offset=+2) 12pcs set
	02075	Aluminium Cramp Horn(P.C.D. fai=17mm, M2.6, Offset=+2)
	02076	Aluminium Cramp Horn(P.C.D. fai=17mm, M2.6, Offset=+2) 6 pcs set
	02079	Aluminium free horn 2500A(PCD phai14-M2-offset0)
	02080	Aluminium free horn 2500A(PCD phai14-M2-offset0) 6pcs
	02093	Aluminium small diameter horn(P.C.D. phi12-M2-offset0)
	02094	Aluminium small diameter horn(P.C.D. phi12-M2-offset0) 6pcs

		SERVO ARM
	01093	Shoulder/Knee bracket extender A
	01122	Servo arm 700A
Discon	01129	Servo arm 4000A
	01183	Servo arm 4000A black
	01192	Servo arm 4000A red
	01193	Servo arm 4000A blue
	01194	Servo arm 4000A white
	01210	Servo arm 2000A black (metal insert, 4pcs)
	01211	Servo arm 4000A black (metal insert, 4pcs)
	01207	Tool for assembling servo arm 700A
	02046	Servo Arm 2500A 4pcs set

		GEAR
	01005	Strong gears 2 pcs

Discon
Discon

01086	Hard servo gear shaft 10 pieces
01146	Gear set for KRS-4024
01156	Metal gear set for KRS-4024
01157	Metal gear set for KRS-4024(6pcs)
01173	<i>Strong final gear for KRS-2300 series</i>
01176	<i>Strong final gear for KRS-4014</i>
01216	Strengthened final gear set 2 for KRS-4013/4014
01217	Metal gear set 2 for KRS-4014
01218	Metal gear set 3 for KRS-4013
01226	Strong final gear 2 for KRS-2300 series
01227	Metal gear set 4 for KRS-2300 series
02001	Hard servo gear shaft for KRS-4000 series
02003	Special Aluminum Gear set for KRS-4014
02004	Special Aluminum Gear set for KRS-4013
02017	Special Aluminum Gear speed type for KRS-4013/4014
02018	Special Aluminum Gear set speed type for KRS-4013
02019	Special Aluminum Gear set speed type for KRS-4014

SERVO CASE	
01023	Bottom case with axis
01024	Bottom case with axis 12 pcs
01036	Servo tab spacer 4 pieces
01037	Servo tab spacer 48 pieces
01053	Servo case for KRS-784 ICS
01058	Servo mount B 2 pieces
01073	Metal bushing upper case 2 pieces
01074	Metal bushing upper case 6 pieces
01077	Normal bottom case for KRS-2300 series 2 pieces
01078	Normal bottom case for KRS-2300 series 12 pieces
01178	Servo motor case set for KRS-4000
01188	Servo mount A (Black color) 2 pieces
01189	Servo mount A (Black color) 12 pieces
01202	Aluminum Upper Case for KRS-4000 series
01203	Aluminum Upper Case for KRS-4000 series 6 pieces
01234	Aluminum upper case 2300A
01235	Aluminum upper case 2300A 6 pcs
02021	Bottom Case Set (for KRS-6000HV series)
02023	Front bottom Case (for KRS-6000HV series)
02024	Front bottom Case - set of 6pcs (for KRS-6000HV series)
02025	Bottom case with flange and axis (for KRS-6000HV series)
02026	Bottom case with flange and axis - set of 6 pcs (for KRS-6000HV series)
02027	Flange Flat Bottom Case (for KRS-6000HV series)
02028	Flange Flat Bottom Case - set of 6 pcs (for KRS-6000HV series)
02029	Bottom Case for double servo (for KRS-6000HV series)
02030	Bottom Case for double servo - set of 6 pcs (for KRS-6000HV series)

CABLE / CONNECTORS	
01014	Parallel cable for KRS-2300 series (3m)
01066	Strap for mounting 5 pieces
01079	Extension cable for servo(100mm)
01113	Parallel cable for KRS-786 (3m)
01130	Servo lead cable for KRS-788/786/784 (300mm)
01132	Branch cable 2
01133	Connection cable for servo(300mm)
01134	Connection cable for servo(400mm)
01135	Connection cable for servo(500mm)
01136	Connection cable for servo with gold shield(300mm)
01137	Connection cable for servo with gold shield(400mm)
01138	Connection cable for servo with gold shield(500mm)
01153	Black parallel cable for KRS-4014 (3m)
01155	Connector set for KRS-4000 series with gold shield (10 pcs)
01160	Cable guide set

01179	Connection cable for KRS-4024(100mm)
01180	Connection cable for KRS-4024(200mm)
02000	Cross cable (100mm)
02005	PIO Connection cable set for KCB-1
02055	Cable guide(small)
02060	connecting cableA(ZH-ZH connector, 50mm)
02061	connecting cableA(ZH-ZH connector, 100mm)
02062	connecting cableA(ZH-ZH connector, 200mm)
02063	connecting cableA(ZH-ZH connector, 300mm)
02069	ZH connection cable B (ZH - servo connector) 550mm
02071	connecting cableB(ZH-servo connector, 100mm)
02072	connecting cableB(ZH-servo connector, 200mm)
02073	connecting cableB(ZH-servo connector, 300mm)
02074	connecting cableB(ZH-servo connector, 450mm)
02091	connectors set for ZH cable (30 sets)
02092	3 parallel cables for servo (ZH cable)

SPACER	
01067	Servo spacer A (2 pcs)
01161	Arm supporter 700A (2 pcs)
01195	Arm supporter 4000A (2 pcs)
01196	Friction spacer 2000A (4 pcs)
01197	Friction spacer 4000A (4 pcs)
01223	Arm supporter 2
01224	Spacer Horn A (2pcs)
01204	Extension Adapter A (2 pcs)

Product Number	Control board and Sensors
CONTROL BOARD	
01082	Sensor interface board RSC-1
01092	RCB-1 HV
01114	RCB-3HV Control board
01117	Booster 3
01119	RSC-1 sensor board (HV)
01120	Standard kit for education
01151	<i>UMD540 Universal Motor Driver</i>
01152	UMD280 Universal Motor Driver
02007	Connector Cap (10 pcs)
03000	KCB1 with USB adapter
03001	Motion Processor 2
03002	KCB1 without USB adapter
03021	RCB-4 HV
03027	RCB-3 HV

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SENSORS	
01201	RAS-2
02002	PSD sensor (position detecting sensor)
02008	Ultrasonic sensor (transmitter) USTX-1
02009	Ultrasonic sensor (receiver) USRX-1
03003	KRG-4

SCREWS	
02081	2.3-6BH tapping screw(100 pcs)
02082	2.6-10BH tapping screw(100 pcs)
02083	M3-8 brazier head screw for servo hone (50 pcs)
02084	2-5 brazier head tapping screw(100 pcs)
02085	2-8 brazier head tapping screw(100 pcs)
02086	M2-4 brazier head screw(100 pcs)
02087	M2-6BH screw(100 pcs)
02088	M2 nut(50 pcs)

02089	2-6 countersunk tapping screw(100 pcs)
02090	3-6 flat head screw(100 pcs)

Product Number		Frames and Brackets
KHR-1		
Discon	01041	<i>Option Sole Large size</i>
Discon	01163	<i>HR-001 Top cover</i>
Discon	01164	<i>HR-003/HR-004 Body frame set</i>
Discon	01165	<i>HR-005/006/007 Frame set</i>
Discon	01166	<i>HR-008/009 Hand set</i>
Discon	01167	<i>HR-010 Servo Bracket</i>
Discon	01168	<i>HR-011 Servo Arm</i>
Discon	01169	<i>HR-012/013 Foot set</i>
Discon	01170	<i>HR-014 Servo Bracket C</i>
Discon	01171	<i>HR-015 Foot sole</i>
	02010	Mounting hardware for the ultrasonic sensor

Other parts	
01162	Sole for KHR
01198	Hand base A 2pcs
01228	Sole grip A (High Grip type Hardness 20 degree Φ8)
01229	Sole grip B (High Grip type Hardness 25 degree Φ7)
01199	Radial Mount A
01231	Servo Bracket E
01245	Battery holder
02051	Bathtub sole S-02
02052	Arm supporter 2500A
02053	Dummy servo
02054	hand setA
02056	Backpack setA
02057	KHR-3HV front cowl A
02058	KHR faceA

Product Number		Communication Equipment
PC<=>Controller Board		
Discon	01107	<i>Serial-USB adapter</i>
	02042	Serial USB adapter HS
	02043	ICS USB adapter HC
PC<=>Servo		
	01106	ICS-USB adapter
Radio Transmission		
	01095	KRR-1
Discon	01115	<i>Robot Controller-KRC-1 Single item</i>
Discon	01225	<i>KRC-3AD</i>
	03022	KRI-3
Discon	03023	<i>KRC-3AD-with-KRI-3</i>
	03024	KRC-2AD remote control set
	03025	KRC-2AD remote control set with KRI-3
	03026	KRC-2AD transmitter

Product Number		Other accessories
Radio Transmission		
	01039	Case screw set 2 (M2×32mm) 20 pieces
	01040	Case screw set 2 (M2×32mm) 50 pieces
	01084	Taper neck screw (M2×4.5mm) 100 pieces
	01094	Screw for flat horn 100 pieces
	01126	M2 screw set A(M2x4mm, M2x6mm : 50 units each)
	01127	M2 screw set B (M2x15mm: 50 units)

Batteries and parts	
01060	Connector set for ROBO power cell (10 pcs)
01103	ROBO power cell HV C type 9N-300mAh Ni-MH
01104	ROBO power cell HV D type 9N-800mAh Ni-MH
01109	Male connector set for ROBO power cell
01118	HV connector set
01208	HV battery charge/discharge cable
01209	MX-301R
01213	HV power switch cable
02014	Cord for battery charger MX-302R
03007	MX-302R

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Accessories and Board covers	
01034	Board Cover Set
01081	Board Cover Set (Large size)
01121	Board Cover Set (Large size) Carbon Color
01184	Body Pin 10 pcs
01185	Body Post
01186	Front Cowl Set (clear)
01187	Front Cowl Set (black)
01205	A-621 Genex body Cover for KHR-2HV
01219	Soccer uniform decal A
01220	Soccer uniform decal B
01232	Robot Stand for KHR-1HV, KHR-2HV, Genex and MANOI AT01
01233	A-621 Genex body Cover (clear color) for KHR-2HV
01242	Front cowl
16207	TX bag-2
79202	Denim Pit Mat

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Controller	
03006	KCB-2
03005	KCB-2 with USB
02013	KCB-2 cable