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							er Board Agreement								Call library function					
1	Packet header	Function word	Length	Mode	Speed-P	Speed-I	Position-P	Position-I	Position-D	Yaw-P	Yaw-I	Yaw-D	checksum		PID_Mode_control(Mode, Speed_KP, Speed_KI, Location_KP,					
Speed and position PID adjustment	Oxff Oxfe	0x01	9	0:Speed mode 1:Position mode	0-255	0-255	0-255	0-255	0-255	0-255	0-255	0-255	0-255	Name of library function						
2 Servo control	Packet header 0xff 0xfe	Function 0x02	Length 4	high 8 bits high of angle_1 horizontal direction	low 8 bits high of angle_1 horizontal direction	high 8 bits high of angle_2 vertical direction	low 8 bits high of angle_2 vertical direction	checksum 0-255						Name of library function	C					
Double-	OXITOXIE	0x02	4	Range: 500-2500		Range: 500-1950		0-255						ivanie of library function	Servo_control(angle_1, angle_2)					
2	Packet header	Function	Length	Servo number(index)	high 8 bits high of angle	low 8 bits high of angle	checksum	T .		1		1		1				1		
Servo control	0xff 0xfe	0x02	3	1~4	0	0 0-255								Name of library function	on Servo_control_single(index, angle)					
Single-control					Range:	500-2500										1				
3、	Packet header	Function	Length	Mode	XH-XL	YH-YL	ZH-ZL	direction	checksum					Name of library function		ntrol(Speed_axis ge X:-25~25 Y:-25	i_X, Speed_axis_Y, Speed_axis_Z] c~25 Z:0-200	-		
Rocker control	Oxff Oxfe	0x03	8	0x01	Horizontal coordinate relative to original position		Rotation angle relative to original position	0b00000XYZ	0-255										Rocker p	icture
Without Self- stabilizition				Control mode without self- stable rocker	the right is positive, the left is negative Range: -25 ~ 25 (absolute value is taken )	the up is positive, the down is negative Range: -25 ~ 25 (absolute value is taken )	Clockwise is positive; counterclockwise is negative Range: 0-200	X: 0-Positive 1-negative Y: 0-Positive 1-negative Z: 0-Positive 1-negative											1	
4.	Packet header	Function	Length	Mode	XH-XL	YH-YL	reserve1	reserve2	direction	checksum				Name of library function	Speed_axis_Yawhold_control( Speed_axis_X, Speed_axis_Y) Range X:-25^25 Y:-25^25			-1	1.0	1.0
Rocker control	Oxff Oxfe	0x03	8	0x03	Horizontal coordinate relative to original position	Vertical coordinate relative to original position	0	0	0b000000XY	0-255										
With Self- stabilization				Self-stabilizition rocker mode	the right is positive, the left is negative Range: -25 ~ 25 (absolute value is taken )	the up is positive, the down is negative Range: -25 ~ 25 (absolute value is taken )			X: 0-Positive 1-negative Y: 0-Positive 1-negative											
5、	Packet header	Function	Length	Mode	A	В	C	D	reserve1	reserve2	direction	checksum							head	tock
Mecanum wheel control	Oxff Oxfe	0x03	8	0x02					0	0	0b0000DCBA ABCD:0-	0-255		Name of library function	Speed_Wheel_control(Speed_WheelA, Speed_WheelB, Speed_WheelC, Speed_WheelD)		Wheel	D	A	
				Wheel mode	+	+	+	+			positive 1- negative								С	В
Rocker control	Packet header 0xff 0xfe	Function 0x03	Length 8	Mode 0x04	XH-XL Horizontal coordinate relative to original position		original position	direction 0b00000XYZ	checksum 0-255					Name of library function	Position_disp_c	_control(Position_disp_X, Position_disp_Y, _Z)				
With Self- stabilizition				Position mode	the right is positive, the left is negative	the up is positive, the down is negative	Clockwise is positive; counterclockwise is negative	X: 0-Positive 1-negative Y: 0-Positive 1-negative Z: 0-Positive 1-negative						, , , , , , , , , , , , , , , , , , , ,	Position_disp_Z)					
													<del>                                     </del>		Buzzer control					-+-
7、	Packet header	Function	Length		checksum									Name of library function	(switch_state)					
Buzzer	Oxff Oxfe	0x04	1	0/1 Turn off/ Turn on	0-255							1	1			1				-
				Turrion/Turrion				<del> </del>		l			1							-
8.	Packet header	Function	Length	Function number	checksum									Name of library function	Buzzer_control (switch_state)				headsto	ak a
Get the underlying data	Oxff Oxfe	0x05	1	0-1~8	0-255													Wheel	D4	A1
				0:Start reporting 1~4:Encoder 5:Voltage 6: Pitch 7: Roll 8:Yaw 9:Close reporting															СЗ	B2
Return:	{1:250}#	l	<b>†</b>			<u> </u>	1	1			l	t	1		l	1				-