

No	Command		Byte1	Byte2	Byte3	Byte4	Byte5	Byte6	Byte7
1	PAN LEFT	Command	FFh	Receiver ID	00h	04h	DATA1	DATA2	CHECKSUM
		Description	DATA1: PAN SPEED(00~3Fh), DATA2: TILT SPEED(00~3Fh)						
2	PAN RIGHT	Command	FFh	Receiver ID	00h	02h	DATA1	DATA2	CHECKSUM
		Description	DATA1: PAN SPEED(00~3Fh), DATA2: TILT SPEED(00~3Fh)						
3	TILT UP	Command	FFh	Receiver ID	00h	08h	DATA1	DATA2	CHECKSUM
		Description	DATA1: PAN SPEED(00~3Fh), DATA2: TILT SPEED(00~3Fh)						
4	TILT DOWN	Command	FFh	Receiver ID	00h	10h	DATA1	DATA2	CHECKSUM
		Description	DATA1: PAN SPEED(00~3Fh), DATA2: TILT SPEED(00~3Fh)						
5	ZOOM TELE	Command	FFh	Receiver ID	00h	20h	00h	00h	CHECKSUM
		Description							
6	ZOOM WIDE	Command	FFh	Receiver ID	00h	40h	00h	00h	CHECKSUM
		Description							
7	FOCUS NEAR	Command	FFh	Receiver ID	01h	00h	00h	00h	CHECKSUM
		Description							
8	FOCUS FAR	Command	FFh	Receiver ID	00h	80h	00h	00h	CHECKSUM
		Description							
9	SET PRESET	Command	FFh	Receiver ID	00h	03h	00h	PRESET ID	CHECKSUM
		Description	PRESET ID=00~FFh						
10	GOTO PRESET	Command	FFh	Receiver ID	00h	07h	00h	PRESET ID	CHECKSUM
		Description	PRESET ID=00~FFh						
11	CLEAR PRESET	Command	FFh	Receiver ID	00h	05h	00h	PRESET ID	CHECKSUM
		Description	PRESET ID=00~FFh						
12	RUN GROUP	Command	FFh	Receiver ID	00h	23h	00h	ZONE ID	CHECKSUM
		Description	ZONE ID=21~28(15h~1Ch)						
13	RUN SWING	Command	FFh	Receiver ID	00h	1Bh	00h	00h	CHECKSUM
		Description	Swing between preset position no.1 & no.2						
14	INITIALIZE PAN/TILT	Command	FFh	Receiver ID	00h	0Fh	00h	00h	CHECKSUM
		Description							
15	AUX ON	Command	FFh	Receiver ID	00h	09h	00h	01~06h	CHECKSUM
		Description							
16	AUX OFF	Command	FFh	Receiver ID	00h	0Bh	00h	01~06h	CHECKSUM
		Description							
17	SET PAN POSITION	Command	FFh	Receiver ID	00h	4Bh	MSB OF PAN POSITION	LSB OF PAN POSITION	CHECKSUM
		Description	See Note 3.						
18	SET TILT POSITION	Command	FFh	Receiver ID	00h	4Dh	MSB OF TILT POSITION	LSB OF TILT POSITION	CHECKSUM
		Description	See Note 3.						
19	SET ZOOM POSITION	Command	FFh	Receiver ID	00h	4Fh	MSB OF ZOOM POSITION	LSB OF ZOOM POSITION	CHECKSUM
		Description	See Note 3.						
20	SET FOCUS POSITION	Command	FFh	Receiver ID	00h	5Fh	MSB OF FOCUS POSITION	LSB OF FOCUS POSITION	CHECKSUM
		Description	See Note 3.						
21	QUERY PAN POSITION	Command	FFh	Receiver ID	00h	51h	00h	00h	CHECKSUM
		Description							
22	QUERY TILT POSITION	Command	FFh	Receiver ID	00h	53h	00h	00h	CHECKSUM
		Description							
23	QUERY ZOOM POSITION	Command	FFh	Receiver ID	00h	55h	00h	00h	CHECKSUM
		Description							
24	QUERY FOCUS POSITION	Command	FFh	Receiver ID	00h	61h	00h	00h	CHECKSUM
		Description							
25	RESPONSE PAN POSITION	Command	FFh	Receiver ID	00h	59h	MSB OF PAN POSITION	LSB OF PAN POSITION	CHECKSUM
		Description							
26	RESPONSE TILT POSITION	Command	FFh	Receiver ID	00h	5Bh	MSB OF TILT POSITION	LSB OF TILT POSITION	CHECKSUM
		Description							
27	RESPONSE ZOOM POSITION	Command	FFh	Receiver ID	00h	5Dh	MSB OF ZOOM POSITION	LSB OF ZOOM POSITION	CHECKSUM
		Description							
28	RESPONSE FOCUS POSITION	Command	FFh	Receiver ID	00h	63h	MSB OF FOCUS POSITION	LSB OF FOCUS POSITION	CHECKSUM
		Description							

Note 1 : Checksum is calculated by performing an 8 bit(modulo 256) sum of the payload bytes(bytes 2 through 6) in the message.

Note 2 : All commands don't respond any ack/nak.

Note 3 : When EV3000 receives these commands(command no. 17~20), the EV3000 moves to specific position as received in byte5 & 6.