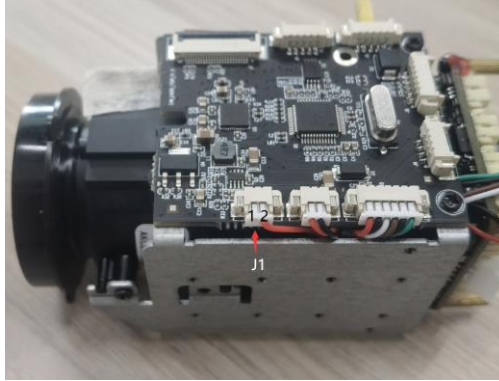


# All-in-one movement instruction manual



Note: This movement supports the VISCA protocol (connecting ball machine) and the gim platform serial port protocol (joining the gimp). The default is the VISCA protocol.

Interface definition:

CN1 power supply agreement	1	TXD1	P/T to RXD	VISICA9600	
	2	RXD1	P/T to TXD		
	3	DOME UART2-TX	Genting serial port 9600 (Connect to P/T bracket RX)		
	4	DOME UART2-RX	ICR(Visca/IR light plate ICR).		
	5	GND			
	6	DC12V			
CN2 LAN	1	TX+	J1 lamlight control	1	1: Active IR-CUT(connected to the IPC board white light interface) switchesto color mode on APP and IR-CUT automatically switches to color mode
	2	TX-			
	3	RX+		2	Infrared: Connect to the IPC infrared light interface
	4	RX-			

- The MS41919+STM32 chip matching scheme is used
- Lens Curve Learning Command: 253+ Set +252+ Calls
- Minimum focus distance setting:  
Set command:251+set+X+call. When X=1,the minimum focus distance is about 1.5 meters, when X=2,the minimum focus distance is about 3 meters, when X=3, the minimum focus distance is about 6meters, and when Xis4,the focus distance is infinite. The default X= 2
- Focus mode settings:  
Set command: 250+set+X+call. Only when X=1, only the trigger multiplier movement is focused, when X=2,any change in either way under the head and in the multiplier triggers movement focus, and when X=3,fully automatic focus mode, the movement is automatically focused in any case. The default X= 2'
- multiple display switch command: 225+ call+ x+call, when X=1,multiple display is on, when X=s2, multiple display is off, default X=1
- Modify the movement control protocol method (after modification, the movement needs to be restarted in order to take effect):  
254 +set+ 1 +set : VISCA protocol (default) (PELCO-D, Baud rate: 9600, address code: 1/255).  
254+set+ 2+set :: Mop serial protocol (PELCO-D, Baud rate: 9600, address: 1).
- reset the movement command: 106+call+64+call
- restart movement command: 107+ set+64+call