

V3/V3Pro视觉传感器 接线定义

电源IO线 (18Pin)		
Color	号码管	功能定义
Red		24V+
Black		0V
Purple	1	TRIG
Brown	2	XCOM
Gray	3	Y6
yellow-black	4	Y5
Blue	5	YCOM
Red	6	Y4
Brown-Black	7	Y3
Red-Black	8	Y2
Orange-Black	9	Y1
Orange	10	Flash
White	11	X1
Yellow	12	X3
Blue-Black	13	X2
Purple-Black	14	RS232_TX
Green	15	RS232_RX
Yellow-Green		GND

Notes:

1. The photoelectric sensor (photo eye), encoder, and camera should all be connected to the same 24V power supply;
2. The photoelectric sensor (photo eye) and encoder must both be NPN type, or both PNP type;
3. The yellow-green ground wire must be properly connected;
Dual-phase encoder (binV3PRO_LTS only)
4. Encoder rotating clockwise: X2 → Phase A; X3 → Phase B
Encoder rotating counterclockwise: X2 → Phase B; X3 → Phase A
5. Any unused wires must be properly insulated and wrapped

Camera Power	Power Cable Wire Color	
	Red	24V+
	Black	0V
	Brown (XCOM-2)	For NPN sensor: 24V+ For PNP sensor: 0V
	Blue (YCOM-5)	0V

Photoelectric Sensor	Wire Color	
	 Brown	24V+
	 Blue	0V
Encoder	 Black (Signal Wire)	Connect to the white wire of the power cable (X1-11)
	 Brown	24V+
	 Blue	0V
NG Reject Device	 Black (Signal Wire)	Connect to the blue-black wire of the power cable (X2-13)
	 Positive	24V+
	 Negative	Connect to the orange-black wire of the power cable (Y1-9)
OK Reject Device	 Positive	24V+
	 Negative	Connect to the brown-black wire of the power cable (Y3-7)
Alarm Light	 Positive	24V+
	 Negative	Connect to the red-black wire of the power cable (Y2-8)
Strobe Output	 Positive	24V+
	 Negative	Connect to the orange wire of the power cable (FLASH-10)

Reject Sensor Input	 Brown	24V+
	 Blue	0V
	 Black (Signal Wire)	Connect to the yellow wire of the power cable (X3-12)
Logic NG Output	 Positive	24V+
	 Negative	Connect to the red wire of the power cable (Y4-6)
Reserved Output	 Positive	24V+
	 Negative	Connect to the yellow-black wire of the power cable (Y5-4)
Reserved Output	 Positive	24V+
	 Negative	Connect to the gray wire of the power cable (Y6-3)