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ZEBRA VS70 SMART CAMERA

VS70-CM20M5-0C00W VS70, 2.3 MP, MV TOOLS



- · Complete Customization with C-Mount Lens Support: The VS70 supports any C-mount external lens, allowing users to select specialized lenses for unique inspection needs
- Zebra Aurora Software Integration: Managed through Zebra Aurora, the VS70 provides a unified interface for setup, deployment, and operation, suitable for users of all experience levels
- Power Over Ethernet (PoE) Capability: PoE simplifies installation by powering the device over the network cable, reducing the need for separate power sources and making deployment easier
- Zebra Aurora Software Integration: Managed through Zebra Aurora, the VS70 provides a unified interface for setup, deployment, and operation, suitable for users of all experience levels with features like built-in tutorials and an intuitive interface
- ImagePerfect+ Technology for Precise Inspections: The VS70 captures up to 16 images in one trigger, each with unique settings, ensuring high-quality images for accurate inspections even in complex lighting or object positioning scenarios



PRODUCT DESCRIPTION

Every day, production lines strive to achieve consistent product quality and meet quotas. Success requires a reliable process at every stage of production.

Now manufacturers can do all quality checks and machine vision measurements with the VS70 smart camera.

The adaptable VS70 is built for use in the most complex processes and challenging environments. Whether you need a wide-angle lens to capture large parts, or a zoom lens to inspect something far away, the VS70 can do it all by allowing the user to use any C-mount lens. If you need to upgrade your vision solution, you can easily add more advanced functions by purchasing a software license without buying new hardware.

TECHNICAL DATA

Interface out	Dual Ethernet (1 POE), Serial, USB & Industrial Protocols
Lens Barrel	C-Mount
Resolution	2.3 MP
Size	63.0 x 95.0 x 65.0
Software performance	STANDARD MV TOOLSET
Type of scanner	Smart Camera

xS70 Connections



10	X-Coded Ethernet Port (Secondary)
2	External Lighting
3	X-Coded Ethernet Port
4	USB C (with DisplayPort)
5	Power Serial and GPIO

Power and IO Connector



		Description	
Yellow		GPIO2	
White/Yellic		TXD	
Brown		RXO	
White/Brow		GPI04	
Violet		GPIO5	
White/Viole	1	COMMON_IN	
Red		DC_IN	
Black		GND	
Green		COMMON_OUT	
Orange		GNOO	
Blue		GPI01	
Grey		GPIO3	
Gare		SHIELD	
Orange Blue Grey		GPI00 GPI03	

Ethernet Connector



	Description
1	TPH+
2	TPS-
3	TP2+
4	TP2-
5	TP4+
6	TP4-
7	TP3-
	TP3+
SHELL	SHIELD

External Light Connector



Table: External Light Connector Pinout Diagram

	Description
Brown	DC_OUT / GPIO8
White	GPIO7
Blue	GND
Black	GPI06
Grey	ANALOG_OUT
Bare	SHIELD
	Brown White Blue Black Grey

xS70 Connections



£	X-Coded Ethernet Port (Secondary)
110	A-Coded Ethernet Port (Secondary)
2	External Lighting
3	X-Coded Ethernet Port
4	USB C (with DisplayPort)
5	Power Serial and GPIO

Power and IO Connector



1	Yellow	GPI02
2	White/Yellow	TXD
3	Brown	RXD
4	White/Brown	GPI04
5	Violet	GPI05
6	White/Violet	COMMON_IN
7	Red	DC, IN
	Black	GND
9	Green	COMMON_OUT
10	Orange	GPI00
51	Stue	GPI01
12	Grey	GPI03
SHELL	Gare	SHIELD

Ethernet Connector



		Description	
1	TP1+		
2	TPS-		
3	TP2+		
4	TP2-		
5	TP4+		
6	TP4-		
7	TP3-		
	TP3+		
SHELL	SHIELD		

External Light Connector



		Description	
VI	Brown	DC_OUT / GPIO8	
2	White	GPI07	
3	Blue	GND	
4	Black	GPI06	
5	Grey	ANALOG_OUT	
SHELL	Bare	SHIELD	