OEM Automatic Ltd
Address: Whiteacres, Whetstone Leicester, LE8 6ZG
0116 284 9900 | Orders@oem.co.uk | www.oem.co.uk

ZEBRA VS20 SMART CAMERA

VS20-SR10S2-3C00W
VS20, ETHERNET, SR, 1.0 MP, ETHERNET, SERIAL, WHITE



- User-Friendly Interface: Intuitive design with built-in tutorials for easy use.
- Superior Data Capture: PRZM technology ensures fast, reliable barcode capture for enhanced efficiency.
- ImagePerfect Feature: Captures multiple images of an item with varying settings for improved quality and read rates.
- Modular Architecture: Users can choose essential Machine Vision tools at purchase and upgrade later via software licenses for future adaptability.
- IP Rating: IP65 and IP67 for enhanced protection against dust and water.

PRODUCT DESCRIPTION

The compact VS20 fits anywhere you need to perform important quality inspections. Several connection options are easily integrated into your PLC. With Zebra Aurora's powerful software platform, you can easily set up, deploy and run VS20. Thanks to Zebra's toolbox of vision tools, the VS20 can be used both as a camera and computer in your vision application. If you need to upgrade your vision solution, you can easily add more advanced functions by purchasing a software license without buying new hardware.

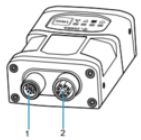
TECHNICAL DATA

Focus	Liquid lens
Interface out	Ethernet, Serial & Industrial Protocols
Lighting	White
Size	28.3 x 94.2 x 54.6
Software performance	Sensor Toolset
Type of lens	Standard
Type of scanner	Smart Camera

xS20 Connections

The xS20 supports power, serial, GPIO, and Ethernet.

Figure 4 xS20 Connections



1	Power, Serial, and GPIO
2	X-Coded Ethernet

Ethernet Connector (xS20 Only)

Figure 7 Ethernet Connector - 8 Pin Diagram

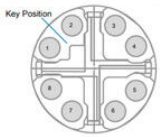


Table 7 Ethernet Connector - 8 Pin Listing

Pin	Description
1	ENET_MX1P
2	ENET_MX1N
3	ENET_MX2P
4	ENET_MX2N
5	ENET_MX4P
6	ENET_MX4N
7	ENET_MX3N
8	ENET_MX3P
SHELL	SHIELD

Cable Pin Outs

The following sections outline the pin outs for the 12 pin Power and I/O connector and the Ethernet connector for xS20 devices.

Power and I/O Connector (xS20 Only)

Figure 6 Power and I/O Connector - 12 Pin Diagram

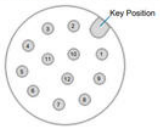


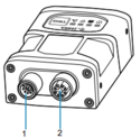
Table 6 Power and I/O Connector - 12 Pin Listing

Pin	Color	Description
1	Yellow	OUT1
2	White / Yellow	TXD
3	Brown	RXD
4	White / Brown	IN1
5	Violet	RTS
6	White / Violet	COMMON_IN
7	Red	DC_IN
8	Black	GND
9	Green	COMMON_OUT
10	Orange	IN0
11	Blue	OUT0
12	Grey	CTS
SHELL	Bare	SHIELD

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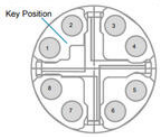


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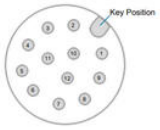


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