**OEM Automatic Ltd**
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# ZEBRA VS20 SMART CAMERA

VS20-SR10S3-3C00W
VS20, POE, SR, 1.0 MP, 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.

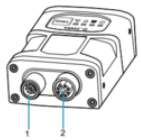
# TECHNICAL DATA

| | |
|---|---|
| **Focus** | Liquid lens |
| **Interface out** | Ethernet with POE, 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

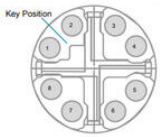



**Table 7** Ethernet Connector - 8 Pin Listing

| 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

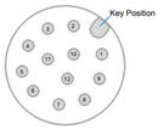


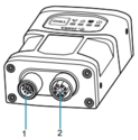

**Table 6** Power and I/O Connector - 12 Pin Listing

| 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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**Figure 4** xS20 Connections




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## Ethernet Connector (xS20 Only)

**Figure 7** Ethernet Connector - 8 Pin Diagram

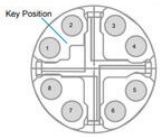



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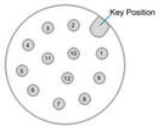





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