

SMore ViScanner VS600

Description

Compact and economical industrial smart code scanner



Features

- Plug-and-play, no complicated operations, no learning costs, easy installation and debugging.
- Rich port design, supports Ethernet, serial port, USB, and IO.
- Customizable high-depth-of-field lens, allowing for installation at a wide distance range.
- Compact size, accommodate various narrow environments.
- Offer red and white dual light sources as options, providing polarization to cope with complex scenarios.
- Supports entry-level DPM code reading applications.

Form Factor

Light Source

Uses for image illumination, optional red/white light source

POWER Indicator Light

Green light indicates normal operation of the device

TRIG Key / TUNE Key

TRIG key/ TUNE key, one-click is TRIG key, while a long press of 5 seconds activates the TUNE key

Aiming Light

Indicates the center position of the image, facilitating target alignment

Barcode Reading Status Indicator

Green light indicates successful barcode reading, red light indicates failed reading, and yellow light is for standby mode

Image Sensor

Uses for image capture

DB15 Connector Cable

Provides power supply, Ethernet, serial port, I/O functionality, and USB connectivity

Applications



Technical Specifications

Model	VS600-SR Standard Series	VS600-HD High Density Series
Read Parameters		
Resolution (HxV)	1280x800	
Frame rate (fps)	60	
Color/Black and white	Black and white	
Shutter	Global	
Exposure time	20μs~100000μs	
Cell size	3μm x 3μm	
Focus method	Fixed focus	
Read parameters	Code 39 (5 mil) : 85 ~ 220 mm Code 128 (10 mil) : 51 ~ 415 mm QR Code (15 mil) : 42 ~ 313 mm Data Matrix (10 mil) : 60 ~ 150 mm	Code 39 (3 mil) : 30 ~ 60 mm Code 128 (10 mil) : 40 ~ 122 mm QR Code (5 mil) : 30 ~ 80 mm Data Matrix (5 mil) : 35 ~ 74 mm
Barcode types	1D code: Code 39, Code93, Code128, EAN-8, EAN-13, Interleaved 2 of 5, UPC, Pharmacode 2D code: QR code, DataMatrix	

Structure

Location indication	2 green light spots indicate the center area of the scanning location
Status indicator	2 status LEDs (barcode reading status and power status), buzzer
Polarizer	Supports polarization
Light source	Red/white light source (optional)

Communication Control & Electric Parameters

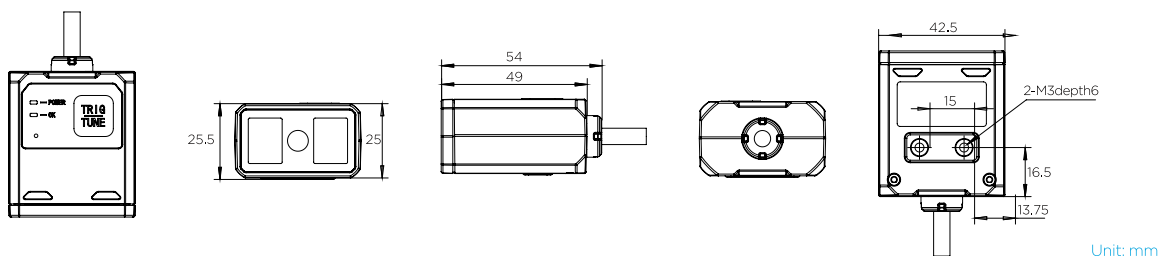
Input control	Two non-isolated inputs
Output control	Two non-isolated outputs
Communication protocol	TCP Server, TCP Client, ModBus TCP, ModBus RTU, Profinet, Ethernet/IP, MELSEC/SLMP, Fins, Serial
Communication interface	RS232, RJ45, USB
Power supply input	24VDC/USB5V
Power consumption	5W

Dimensions & Environmental Parameters

Dimension	49x25x42.5mm
Weight	Approximately 80g
Operating temperature	0 ~ 45°C
Storage temperature	-20 ~ 70°C
Humidity	5% ~ 95%RH (non-condensing)
IP rating	IP54

Note: Reading parameters are tested with the standardized test data from SmartMore.

Dimensions



Accessories

Cable

DB15 Connector Cable



Power Supply

24V Power Adapter

