

SMore ViScanner VS800P

Description

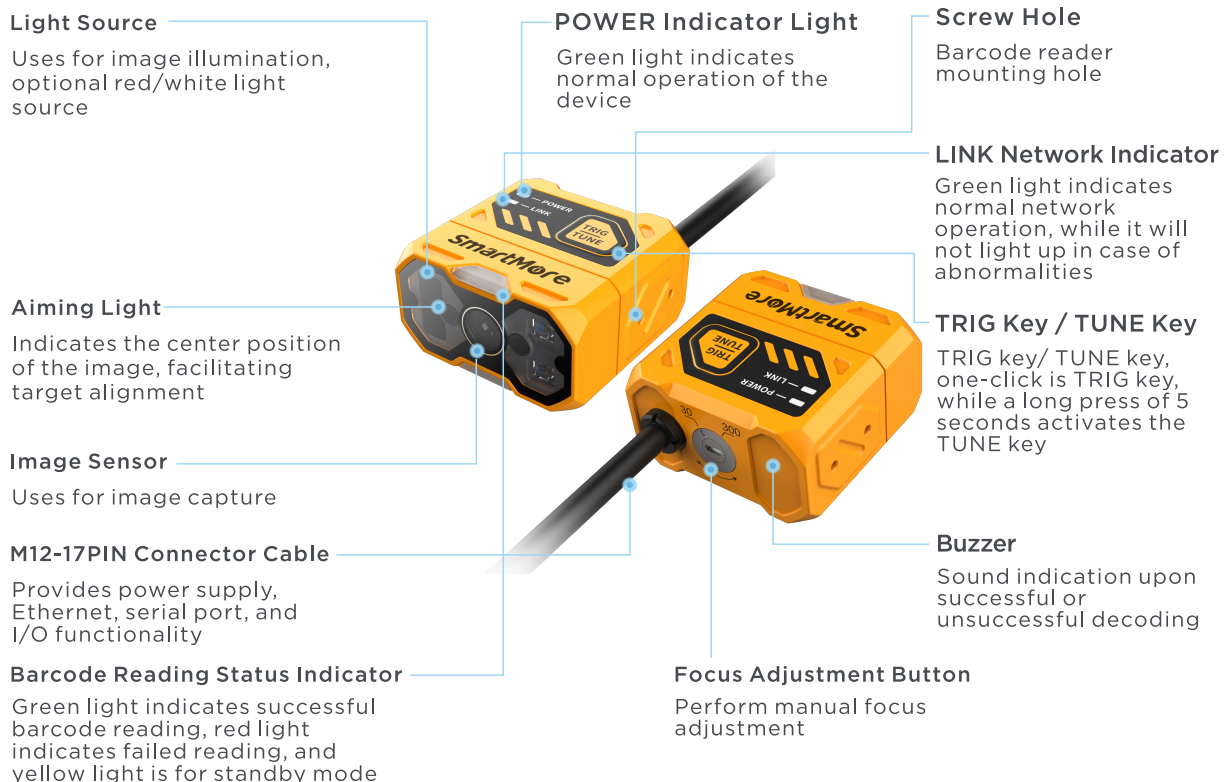
Compact and high performance industrial smart code scanner



Features

- Compact size, accommodate various narrow environments.
- Utilizes liquid lens technology and incorporates SmartMore's proprietary Cube A Technology autofocus algorithm, enabling quick focus adjustment.
- The TUNE button on the device enables one-click automatic parameter adjustment, significantly saving on-site debugging time.
- Offer red and white dual light sources as options, providing polarization to cope with complex scenarios.
- Designed with an M12-17PIN aviation plug, the device allows for a single cable connection, simplifying the wiring process.

Form Factor



Applications



Technical Specifications

Model	VS800P Liquid Focusing Series	VS800P Manual Focusing Series
Read Parameters		
Resolution (HxV)	1288 x 1088	
Frame rate (fps)	60	
Color/Black and white	Black and white	
Shutter	Global	
Exposure time	20 μ s - 1sec	
Cell size	3 μ m x 3 μ m	
Target frame size	1/4"	
Focus method	Liquid focus	Manual focus
Focal length	6mm, 16mm	6mm
Reading distance	40-300mm (@6mm) 100-400mm (@16mm)	30-300mm
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	3 status LEDs and buzzer
Polarizer	Supports polarization
Light source	Red/white light source (optional)

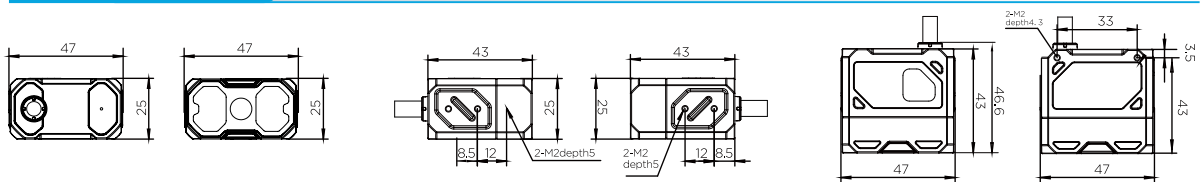
Communication Control & Electric Parameters

Input control	Two opto-isolation inputs, supports NPN and PNP types
Output control	Three non-isolated outputs
Communication protocol	TCP Server, TCP Client, ModBus TCP, ModBus RTU, Profinet, Ethernet/IP, MELSEC/SLMP, Fins, Serial
Communication interface	RS232, Ethernet
Power supply input	24 VDC
Power consumption	5W

Dimensions & Environmental Parameters

Dimension	47*25*43mm
Weight	Approximately 110g
Operating temperature	0~45°C
Storage temperature	-20~70°C
Humidity	5% ~ 95%RH (non-condensing)
IP rating	IP67

Dimensions



Unit: mm

Accessories

Cable M12-17PIN Connector Cable 	Power Supply 24V Power Adapter 	L-shaped Mounting Bracket L-shaped Mounting Bracket + Screws 
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