

V30E AGV



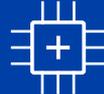
1D / 2D



High speed scan



Large FOV



Fast decoding



Customized



Motion tolerance
3M/S

KEY FEATURES:

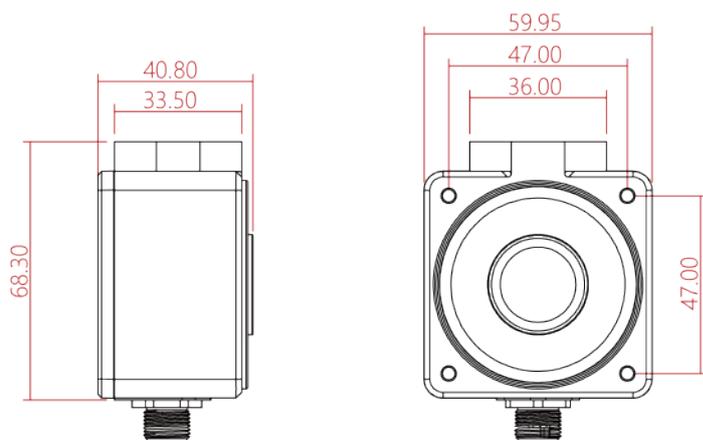
- Built-in deep learning decode algorithm.
- Provides high speed/accuracy/robustness performance.
- Adopts BSI CMOS sensor to provide high-quality images.
- Adopts M12 lens and supports large field of view.
- Reading speed reaches 120 codes/sec.
- Supports DM-12&DM-14 and DM code array.
- Supports multiple communication protocols (UDP/TCP/485).



V30E Specifications

Mechanical	
Dimension	68.3mm(L) x 60mm(W) x 40.8mm(H)
Weight	≈180g
Casing Material	Aluminum alloy
Power Consumption	20W max
Power Supply	24VDC
Performance	
Sensor Type	Global Shutter CMOS, 640 x 540, 120fps
Light Source	White LED
Field of View	2.1mm Lens: 78° (H) x 69° (V); 3mm Lens: 61.5° (H) x 53.5° (V)
Working Distance	100 mm ± 5 mm
Motion Tolerance	3m/s
Data Interface	Fast Ethernet (100 Mbit/sec), RS-485
Communication	RS485 / TCP / UDP
Symbology	DM-12, DM-14
IO Interface	1 opto-isolated input, support NPN/PNP/Relay
	1 opto-isolated output
Environment	
Temperature	Operating Temperature: 0°C~50°C; Storage Temperature: -20°C~70°C
Humidity	20%~95%, No condensation
Ingress Protection	IP64
ESD Protection	Contact discharge: ±8KV; Air discharge: ±15KV; Coupled discharge: ±8KV

Dimension (unit: mm)



V30E FOV

