BRING HANDS-FREE AUTOMATION TO YOUR OPERATIONS

WITH OUR FIXED SCANNER SERIES

SCAN A WIDE VARIETY OF BARCODES WITH EASE

WRAPPED OR TAPED

DIRECT PART MARKING

AT AN ANGLE

FEATURES DESIGNED TO SEAMLESSLY CONNECT OPERATIONS

Purpose-built to make your job easier:

- ► Equipment integration
- ► Durably engineered to have a long lifetime
- ► Global shutter camera technology
- ► IP certified
- ► Connect to existing MES and PLC systems
- ► Barcode quality check

SUPERIOR SCANNING TECHNOLOGY

 SEAMLESS INTEGRATION

 HIGH SPEED

 LONG READ RANGE

V6100 & V6110 Scanners

Physical Characteristics	V6100/V6110	V6180	V7000
Scanner Dimensions (HxWxD)	0.94 x 1.57 x 1.42	2.36 x 1.77 x 1.38	2.56 x 2.56 x 4.33
Scanner Weight (without cable)	0.7 lbs (30 g)	0.52 lbs (235 g)	0.882 lbs (415 g)
IP Rating	IP 65	IP 67	IP 67
Colors	Blue	Blue	Black
Scanner Cable Length	6.6 ft. (2m)	6.6 ft. (2m)	Purchased Seperately
Scanner Cable Connection	USB or RS232	Ethernet	Ethernet
Power Requirements	5V ± 5% or 24V ± 10%	PoE Type A Only; 24V DC ± 10%	24V DC ± 10%

Catalog#	Description
178582	V6100U Fixed Barcode Scanner, Stanadard Density with USB-A Cable
178583	V6110U Fixed Barcode Scanner, High Density with USB-A Cable
178584	V6100R Fixed Barcode Scanner, Standard Density with RS232 Cable, 24V
178585	V6110R Fixed Barcode Scanner, High Density with RS232 Cable, 24V
178586	V6100R5 Fixed Barcode Scanner, Standard Density with RS232 Cable, 5V
178587	V6110R5 Fixed Barcode Scanner, High Density with RS232 Cable, 5V

V6180 Scanner

Catalog#	Description
178588	V6180 Fixed Barcode Scanner, PoE with Straight Cable
178589	V6180 Fixed Barcode Scanner, PoE with 90 Degree Cable

V7000 Scanner

Catalog#	Description
178592	V7000 Fixed Barcode Scanner

Physical Characteristics	V6100/V6110	V6180	V7000
Density	Standard / High	N/A	N/A
Field of View (at 100mm)	2.4 x 1.5 in. (62 x 39 mm)	2.8 x 2.1 in. (71 x 53 mm)	1.6 x 1.3 in. (at 150mm)
Focal Point	3.9 in. (100 mm) / 3.2 in. (80 mm)	3.9 in. (100 mm)	Adjustable, 5.9 in. to 68.6 in.
Sensor	0.36 MP (752 x 480)	1.2 MP (1280 x 960)	5 MP (2448 x 2048)
Pitch	± 35° (from front to back)		
Skew	± 35° from plane parallel to symbol (side-to-side)		
Code Rotational Tolerance	± 180°		
Min. Barcode Resolution	6mil (0.15mm) / 5 mil (0.125mm)	5 mil (0.125mm)	4 mil (0.1mm)
Typical Read Range (in.)	1.6-7.7 in. (41 - 106 mm)	1-6.9 in. (25 - 175 mm)	5.9-117 in. (150 - 2961 mm)
Illumination	White / Red LEDs	White & Red LEDs	White LEDs
Aimer	Red LED	Blue LED	N/A
Distance Sensor	N/A	Infrared 940nm Laser Class 1	
Ambient Light Immunity	10,000 lux max		
Power Requirements	5V ± 5% or 24V ± 10%	PoE Type A Only; 24V DC ± 10%	24V DC ± 10%
Communication Interfaces	USB 2.0 (HID, VCOM), RS-232	RJ45	RJ45
Supported Protocols	N/A	EtherNet/IP, TCP/IP, UDP, FTP	
Configuration Software	FixedConfig	FixedConfig6180	FixedConfig7000
Warranty	1 Year		

User Environment	V6100/V6110	V6180	V7000
Operating Temperature	32° to 104° F (-0° to 40° C)		
Storage Temperature	-4° to 140° F (-20° to 60° C)		
Humidity	30%-85% (non-condensing)		
Image Output Options	Formats: BMP		
Decode Capability	**1D:** Code39, Code128/GS1-128(EAN128), ITF(Interleaved 2 of 5), Codabar(NW7), UPC/EAN(JAN), GS1 DataBar, Code93 **2D:** Data Matrix(ECC200), Composite Code, AztecCode, QR Code / Micro QR Code, PDF417 / MicroPDF417		
Barcode Verification Grading Standards	N/A	ISO/IEC 15415 or ISO/IEC TR 29158	
Environmental Regulatory	RoHS, REACH, Prop65		

Fixed Scanner Accessories

178740
24V AC Adapter

178741
5V AC Adapter

178742
Power Over Ethernet (PoE) Switching Hub

178743
Interface Cable

178744
LAN Cable

SEE OUR FULL LINE OF SCANNERS IN ACTION

► **Learn more at BradyID.com/fixed-scanners**