

LASER LINE SCANNERS

CAMERAS

DIMENSIONERS

		Model 10	Model 20 Series II	AccuLazr™ AL5010	AccuLazr™ AL7010	AXIOM™	AXIOM-X™	MiniCam™	HandsFree™	AccuVision® AV6010	DM3500
Reading Range	in. [mm]	1.0 to 11.0 in. [6.4 to 165.1 mm]	1.0 to 24.0 in. [25 to 304 mm]	5.0 to 48.0 in. [127 to 1219 mm]	Not Available	15 to 72 in. [380 - 1830 mm]	30.0-65.0 in. [762-1651 mm]	12.0 in. to 20.0 in. [308 mm to 508 mm]	27.0 to 49.0 in. [686 - 1245 mm]	45 up to 120 in. [1143 up to 3048 mm]	Standard 1.0-36.0 in. [25-914 mm]
Scan Rate	Maximum	600 scans/sec	1000 scans/sec	1200 scans/sec	1400 scans/sec	1400 scans/sec	1120 scans/sec	15 - 60 frames/sec	15 frames/sec	19000 scans/sec	-
Decoder Logic		Integrated	Integrated	Integrated	Integrated	Integrated	Integrated	External	External	Integrated	Integrated
Light Source	Type	Laser	Laser	Laser	Laser	Laser	Laser	Integrated LEDs	Integrated LEDs	LED module	Laser
	Wavelength	650 nm	650 nm	650 nm	650 nm	650 nm	650 nm	660 nm	660 nm	625 nm	635 nm
Housing Material	Material	Diecast zinc alloy	Diecast aluminum alloy	Diecast aluminum alloy	Diecast aluminum alloy	Diecast aluminum alloy	Diecast aluminum alloy	Diecast aluminum alloy	Diecast aluminum alloy	Steel/Aluminum	Steel/Aluminum
	Dimensions	Length: 1.7 in. [43 mm] Width: 2.3 in. [58 mm] Height: 1.3 in. [33 mm]	Length: 2.6 in. [66 mm] Width: 2.3 in. [58 mm] Height: 1.6 in. [41 mm]	Length: 5.2 in. [132 mm] Width: 2.0 in. [50 mm] Height: 4.1 in. [103 mm]	Length: 7.26 in. [184 mm] Width: 10.23 in. [260 mm] Height: 5.53 in. [141 mm]	Length: 6.23 in. [158 mm] Width: 10.87 in. [276 mm] Height: 5.19 in. [132 mm]	Length: 13.92 in. [354 mm] Width: 6.93 in. [176 mm] Height: 12.23 in. [311 mm]	Length: 7.3 in. [184 mm] Width: 3.8 in. [97 mm] Height: 4.9 in. [125 mm]	Length: 7.3 in. [184 mm] Width: 3.8 in. [97 mm] Height: 4.9 in. [125 mm]	Length: 44.75 in. [1137 mm] Width: 15.31 in. [389 mm] Height: 11.15 in. [283 mm]	Length: 16.7 in. [424 mm] Width: 16.4 in. [417 mm] Height: 10.3 in. [262 mm]
	Weight	0.4 lb [0.18 kg]	1.37 lb [0.62 kg]	1.56 - 1.75 lb [0.7 - 0.79 kg]	10.0 lb [4.5 kg]	10.0 lb [4.5 kg]	18.6 lb [8.5 kg]	2.5 lb [1.13 kg]	2.5 lb [1.13 kg]	81.8 lb [37.1 kg]	45.0 [20.4 kg]
Operating Temperature	*F[*C]	32 - 120 *F [0 - +50 *C]	32 - 120 *F [0 - +50 *C]	32 - 104 *F [0 - +40 *C]	32 - 122 *F [0 - +50 *C]	32 - 120 *F [0 - +50 *C]	32 - 120 *F [0 - +50 *C]	32 - 115 *F [0 - +45 *C]	32 - 115 *F [0 - +45 *C]	32 - 122 *F [0 - +50 *C]	32 - 105 *F [0 - +40 *C]
Barcode Types	all standard 1D Barcode and 2D symbologies	Barcode	Barcode	Barcode	Barcode	Barcode	Barcode	Barcode and 2D symbologies	Barcode and 2D symbologies	Barcode and 2D symbologies	-
Technical Data	Browser-based setup interface			•	•			•	•	•	no
	iPhone and iPad compatible			•	•						
	Diagnostics LEDs (Number)	• (4)	• (1 multifunctional LED)	• (11)	• (10)	• (5)	• (4)	• (4)	• (4)	• (6)	• (8)
	Code Quality Evaluation	•	-	-	•	•	•	-	-	-	-
	Firmware Download	•	-	•	•	•	•	•	•	•	•
	Power Requirement	5 VDC (external)	5 VDC (external)	12 - 30 VDC (external)	12 - 24 VDC (external)	10 - 30 VDC (external)	10 - 30 VDC (external)	12 VDC (external)	12 VDC (external)	100 - 240 VAC / 50 - 60 Hz	100 - 240 VAC / 50 - 60 Hz
	Decoding Technology	Line	DRX	DRX	DRX	DRX	DRX	embedded WIN XP logic	embedded WIN XP logic	Linux	-
Output: IO / Relays	2 / -	2 / -	- / 4	2 / 2	- / 4	- / 4	4 / -	4 / -	4 / -	4 / -	
Interfaces	Number	1	1	2		1	1	2	2	3	3
	RS232 / RS422 / RS485 / 20mATTY	• / • / • / -	• / • / • / -	• / • / - / -	• / • / - / -	• / • / - / -	• / • / - / -	• / • / - / -	• / • / - / -	• / • / - / -	• / • / - / -
	Ethernet TCP/IP / USB 2.0	- / -	- / -	• / -	• / -	• / -	• / -	• / •	• / •	• / -	- / -
	Input: Trigger / Tach / Focus	• / - / -	• / - / -	• / • / -	• / • / -	• / • / -	• / - / •	• / - / -	• / - / -	• / • / •	• / • / -
Options & Accessories	Interface box, Profibus, DeviceNET, Ethernet, Display (ext.) (40 digits, 2 lines)	Interface box, Profibus, DeviceNET, Ethernet, Display (ext.) (40 digits, 2 lines)	1 & 2 laser version, Basic and Enhanced Interface Modules, Adjustable raster, Profibus, DeviceNET, Ethernet, EtherNet/IP Display (ext.) (40 digits, 2 lines)	1 & 2 laser version, Profibus, DeviceNET, Ethernet, EtherNet/IP Display (ext.) (40 digits, 2 lines)	1, 2 & 4 laser version, Profibus, DeviceNET, Diagnostic software, Additional heating: optional -30 °C, Display (ext.) (40 digits, 2 lines)	2 & 4 laser version, Profibus, DeviceNET, Diagnostic software, Additional heating: optional -30 °C, Display (ext.) (40 digits, 2 lines)	Power supply (ext.), Quad relay box, TFT Monitor, Profibus, DeviceNET	Power supply (ext.), OCR, Quad relay box, TFT Monitor, Profibus, DeviceNET	Options: Ethernet/IP Photoeye/light curtain, Dimensioning (cuboidals) Side-by-side package detection Image capture system (IDS) Save-Every-Image capable Raw Image Export (RIE) OCR / OCR, Diagnostic SW	Quad relay box, DeviceNET, Ethernet, Profibus Certified for: Cuboidal dimensioning (singulated, non-singulated), Irregular Dimensioning	
Applications & Industries	<ul style="list-style-type: none"> Tote identification Work in progress automation Product identification Verification & Counting Production line PCB manufacturing Pharmaceutical industry 	<ul style="list-style-type: none"> Tote identification Work in progress automation Product identification Verification & Counting Production line Chemical industry PCB manufacturing Pharmaceutical industry 	<ul style="list-style-type: none"> Retail/wholesale distribution Manufacturing Airline baggage Tire manufacturing Parcel distribution Post & Parcel services High-speed material handling Pallet scanning Multi-sided arrays Print/label verification 	<ul style="list-style-type: none"> Tote identification Work in progress automation Pallet handling Product identification Material handling Post & Parcel services eCommerce Automotive/Media Beverages/Pharma Furniture/Tire industry 	<ul style="list-style-type: none"> Tote identification Pallet handling Material handling Product identification Parcel distribution centers Airport industry Automotive/Beverages/Media/Steel Furniture industry 	<ul style="list-style-type: none"> Pallet handling Product identification Distribution centers Mail order business Airport industry Chemical Food industry Furniture industry Wood processing 	<ul style="list-style-type: none"> Tote identification Product identification Verification & Counting Production line Automotive industry PCB Manufacturing Automotive supplier Media industry 	<ul style="list-style-type: none"> Product identification Distribution centers Production line Parcel distribution centers Mail order business Furniture industry Wood processing Pharmaceutical industry 	<ul style="list-style-type: none"> Product identification Product counting Distribution centers Logistics companies Automotive Tire industry Refrigerated warehouses Media industry OCR VCS solutions 	<ul style="list-style-type: none"> Distribution centers Logistics companies Parcel distribution centers Post & Parcel services Mail order business 	
Scan Pattern											