



Product Overview

1D Code Scanners, 1D/2D Code Scanners and 1D/2D Handheld Scanners

	1D Code Scanners					1D/2D Code Scanners			1D/2D Handheld Scanners		
	Line Scanners		Raster Scanners		Sweep Raster Scanners						
	BLN	FIS-0003	FIS-0830	FIS-0003	FIS-0870	FIS-0004	C50C	C5PC	CSMH	CSLH	CSHH*
Readable codes	1D	1D	1D	1D	1D	1D/2D	1D/2D	1D/2D	1D/2D	1D/2D	1D/2D
Decoding directly marked codes (DPM)	—	—	—	—	—	(✓)	✓	✓	(✓)	✓	✓
Omnidirectional scanning	—	—	—	—	—	✓	✓	✓	✓	✓	✓
Range	20...520 mm*	38...254 mm*	51...762 mm*	38...254 mm*	25...762 mm*	36...152 mm*	20...500 mm	50...1,200 mm*	5...328 mm*	10...333 mm	0...51 mm
Resolution	—	—	—	—	—	640 × 480 pixels (0.3 MP)	736 × 480 pixels (0.35 MP)	736 × 480 pixels (0.35 MP) 1,280 × 960 pixels (1.2 MP) 2,592 × 1944 pixels (5 MP)	1,280 × 960 pixels (1.2 MP)	1,280 × 960 pixels (1.2 MP)	1,280 × 960 pixels (1.2 MP)
Speed	510 scans/s	1,000 scans/s	1,400 scans/s	1,000 scans/s	1,400 scans/s	10 scans/s	20 scans/s	60 scans/s	—	—	—
Light source	Red light	Laser (red)	Laser (red)	Laser (red)	Laser (red)	Red light	White light Red light Infrared	Red light	Red light	Red light	Diffuse bright field and dark field illumination, direct bright field illumination
Interface	RS-232 Ethernet TCP/IP	RS-232 RS 422 RS 485	RS-232 Ethernet TCP/IP EtherNet/IP™	RS-232 RS 422 RS 485	RS-232 RS 422 RS 485 Ethernet TCP/IP EtherNet/IP™	RS-232 RS 422 RS 485	RS-232 Ethernet TCP/IP PROFINET EtherNet/IP™	RS-232 Ethernet TCP/IP PROFINET EtherNet/IP™	USB RS-232*	Bluetooth USB	USB
Supply voltage	18...30 V DC	5 V DC	10...28 V DC	5 V DC	10...28 V DC	5 V DC	18...30 V DC	5...30 V DC	5 V DC	5 V DC	5 V DC
Special features	Graphical display Integrated web server	Networking option via daisy chain	Very high scan rate	Adjustable scan width Diagnosis functions	Very high scan rate on large areas	High depth of focus	Auto-Focus or C-mount variants Graphical display	Latest generation code reader with wide range of functions	Excellent read performance	Wireless with Bluetooth radius of 10 m	Specially designed for reading DPM codes
Dimensions	29 × 60 × 52 mm	21.6 × 44.5 × 44.5 mm	35.1 × 65.7 × 87.9 mm	21.6 × 44.5 × 44.5 mm	45 × 95 × 109 mm	25.4 × 45.7 × 53.3 mm	45 × 52 × 72.5 mm (Auto-Focus) 45 × 52 × 83.1 mm (C-mount)	25.4 × 44.4 × 44.5 mm	132 × 77 × 52 mm	135 × 131 × 53 mm	151.5 × 79.1 × 53.2 mm
Degree of protection	IP67	IP 54	IP 54	IP 54	IP65	IP 54	IP67	IP65	IP 54	IP65	IP 54

* Combination of all devices in product family