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Distribution + Consulting

Buy the best.

OEM - Product Portfolio

OEM + Industrie



[!\[\]\(e3f8612927870f2e0f9f5989e6dd3064_img.jpg\) Barcode Scanners](#)



[RFID Solutions !\[\]\(17413706fd4997a1a4bdf85c6864eee1_img.jpg\)](#)

[!\[\]\(faf942dc3e59ce8eb64b4ac481eca7e0_img.jpg\) Our Company – Quad GmbH](#)

Our Company

- ❖ Founded in 1991
- ❖ Headquarters in Lippstadt – Germany
- ❖ Distributor for POS Systems & Barcode Technology, Kiosks, Cash Management Solutions, OEM & Vision
- ❖ Distribution of Premium Products
- ❖ Individual Consulting for all product areas

*We attend to our Customers in:
DACH (POS) & Europe (OEM)*



Scan Modules | Barcode Scanners | Industrial Scanners | Vision Systems



- OEM « BASE » Imagers | 1D/2D
- QUAD Custom | Zebra OEM Pre-Integrated Scanner | 1D/2D
- OEM « CORE » Scan Engines | 1D/2D
- OEM « PREMIUM » Imager Scan Engines | 1D/2D
- OEM « Advanced & Extended Range » Scan Engines
- OEM 1D Laser & Linear Imager Scan Engines
- OEM Fixed Mount Scan Engines
- OEM Fixed Mount | SM72 SERIES
- OEM Hardware Decoders | PL5000
- Fixed Industrial Scanners | Vision System

Honeywell

- Decoded Engines | 1D/2D
- Un-Decoded Engines | 1D/2D
- Fixed Mount Modules Engines | 1D/2D
- Hardware Decoder



- Presentation Scanners | 1D/2D
- QUAD Custom | TWINSCAN | Presentation Combo Scanner + NFC | 1D/2D | 13.56 MHz
- Presentation Scanners | Large Window | 1D/2D
- Scanners & Scan Modules | 1D/2D
- Scanners DPM & Industrial Scanner | 1D/2D



- Scanners & Scan Modules | 1D/2D
- Scan Modules & Omnidirectional Scanner | 1D/2D



- Scanners & Scan Modules | 1D/2D
- Scan Engines | 1D/2D



- Industrials scanners



QUAD GmbH
Distribution + Consulting

Buy the best.

- OEM Host Cables
- OEM Engine to Host Cables





- « BASE » Imagers | 1D/2D
- QUAD Custom | Pre-Integrated Scanner | 1D/2D
- « CORE » Scan Engines | 1D/2D
- « PREMIUM » Imager Scan Engines | 1D/2D
- « Advanced & Extended Range » Scan Engines
- 1D Laser & Linear Imager Scan Engines
- Fixed Mount Scan Engines
- Fixed Mount | SM72 SERIES
- Hardware Decoders | PL5000
- Fixed Industrial Scanners | Vision System



SW Decode or PL5000



Decoded



Un-decoded



Decoded

	SE2100	SE2707	SE4100	SE4107
Dimensions (mm)	22.5 x 17.5 x 4.6	12.6 x 18 x 22.3	6.9 x 22.3 x 13.7	11.5 x 22.3 x 13.7
Interface	MIPI	USB or Serial	MIPI	USB or Serial
Sensor	640 x 480 VGA	640 x 400	1280 x 960	1280 x 960
Shutter	Rolling (30fps)	Rolling (30fps)	Rolling (30fps)	Rolling (30fps)
Reading Distance (Code 39)	4.3 to 14.7 cm (5 mil)	5.1 to 16.2 cm (5mil)	6.1 to 24.1 cm (5 mil)	6.1 to 24.1 cm (5 mil)
FOV	41.5° (H) 31.7° (V)	42° (H) 28° (V)	45° (H) 34° (V)	44.5° (H) 33.5° (V)
Aimer	No Aimer	LED	Green LED	Green LED
Illumination	White LED	Red LED	White LED	White LED
				



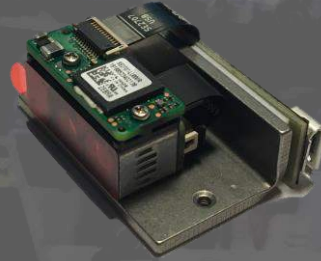
ZEBRA

QUAD Custom | Pre-Integrated Scanner | 1D/2D

All-in-one solution | Pre-integrated scanner with mounting bracket & micro USB cable

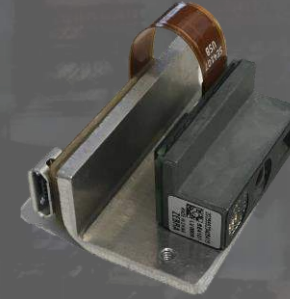


QUAD GmbH



Decoded

QD-SE2707



Decoded

QD-SE4107

	QD-SE2707	QD-SE4107
Dimensions (mm)	12.6 x 18 x 22.3 (+ mounting bracket)	11.5 x 22.3 x 13.7 (+ mounting bracket)
Interface	Micro USB	Micro USB
Sensor	640 x 400	1280 x 960
Shutter	Rolling (30fps)	Rolling (30fps)
Reading Distance (Code 39)	5.1 to 16.2 cm (5mil)	6.1 to 24.1 cm (5 mil)
FOV	42° (H) 28° (V)	44.5° (H) 33.5° (V)
Aimer	LED	Green LED
Illumination	Red LED	White LED
		

Updated: 08/12/2023



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ZEBRA | « CORE » Scan Engines | 1D/2D



Un-Decoded | EOL | Last Time Buy 06/25



Decoded | EOL | Last Time Buy 06/25



Un-decoded

	SE3300 SR HD WA	SE3307 SR HD WA	SE4710
Dimensions (mm)	17 x 30 x 17.3	17 x 30 x 36	8.1 x 22.3 x 13.7
Interface	Parallel	USB Serial	MIPI & Parallel
Sensor	752 x 480 W-VGA	752 x 480 W-VGA	1280 x 800
Shutter	Global (60fps)	Global (60fps)	Rolling (30fps)
Reading Distance (Code 39)	SR 3.8 to 20.8 cm (5 mil) WA 4.3 to 17.7 cm (5 mil) HD 3.8 to 12.6 cm (5 mil)	SR 3.8 to 20.8 cm (5 mil) WA 4.3 to 17.7 cm (5 mil) HD 3.8 to 12.6 cm (5 mil)	5.08 to 34.3 cm (5mil)
FOV	SR 40°(H) 25°(V) HD 40°(H) 25°(V) WA 46°(H) 30°(V)	SR 40°(H) 25°(V) HD 40°(H) 25°(V) WA 46°(H) 30°(V)	42° (H) 28° (V)
Aimer	LED	LED	LED
Illumination	2x Red LED	2 x Red LED	Red LED



Updated: 08/12/2023

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ZEBRA | « PREMIUM » Imager Scan Engines | 1D/2D



Un-Decoded



Un-decoded | DPM = Laser Only



Decoded | DPM = Laser Only



Un-decoded

	SE4720	SE4750 SR MR DP	SE4757 SR MR DP	SE4770
Dimensions (mm)	8.1 x 22.3 x 13.7	11.8 x 21.5 x 16.3	19.4 x 38.8 x 28	8.1 x 22.3 x 13.7
Interface	MIPI or Parallel	MIPI or Parallel	USB or Serial	MIPI or Parallel
Sensor	1280 x 800	1280 x 960	1280 x 960	1280 x 800
Shutter	Global (60fps)	Global (54fps)	Global (54fps)	Global (60fps)
Reading Distance (Code 39)	7.6 to 14.7 cm (3mil)	SR 7.1 to 15.8 cm (3mil) MR 5.3 to 137.2 cm (20mil) DP 4.3 to 10.9 cm (3mil)	SR 7.1 to 15.8 cm (3mil) MR 5.3 to 137.2 cm (20mil) DP 4.3 to 10.9 cm (3mil)	7.6 to 14.7 cm (3mil)
FOV	48° (H) 30° (V)	SR 48°(H) 36.7°(V) MR 31°(H) 23°(V) DP 31°(H) 23°(V)	SR 48°(H) 36.7°(V) MR 31°(H) 23°(V) DP 31°(H) 23°(V)	48° (H) 30° (V)
Aimer	Amber or Green LED	LED or Laser	LED or Laser	Red Laser
Illumination	Red or White Led	2x White Led	2 x White LED	Red or White LED



ZEBRA | « Advanced & Extended Range » Scan Engines



SW Decode only

Un-decoded

SE4850-ER

SE5500

	SE4850-ER	SE5500
Dimensions (mm)	19 x 38 x 25	7.1 x 14.1 x 25.6
Interface	MIPI	MIPI
Sensor	2x 1280 x 800	1x 2668 x 1520 1MP & 4MP
Shutter	Rolling (30/55fps)	Rolling (60fps)
Reading Distance (Code 39)	7.6 cm to 215.9 cm (10mil) Up to 2133.6 cm (100mil)	6.9 to 41.1 cm (3 mil) Up to 1407.2 cm (100mil)
FOV	Near 32°(H) 20°(V) Far 12°(H) 7.6°(V)	Near 36°(H) 22°(V) Far 18°(H) 11°(V)
Aimer	Red Laser	Green Laser
Illumination	Red LED	2x White Led
		

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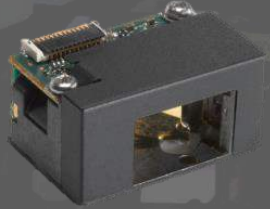
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ZEBRA | 1D Laser & Linear Imager Scan Engines



SE96X	SE655
1D Laser Scan Engine	1D Linear Imager
Dimensions : 11.75 x 21.6 x 15.5	Dimensions : 7.7 x 23.8 x 12
Serial Interface	
Decoded or Undecoded	Decoded
Near contact to 254 cm (code 39 55mil)	57 to 234.95 mm (code 39 5 mil)
	FOV 53°(H) 0.4°(V)
Aimer : Red Laser Line	Illumination : White LED
	Aimer : Red LED Line

ZEBRA | Fixed Mount Scan Engines



	MS4717	MS4727 NEW	MS4777 NEW	MS4717 (Cone)	MS4727/MS4777 (Cone) NEW	DS457
		SR DL				SR HD DL DP
Dimensions (mm)	55 x 48 x 28			75.9 x 105 x 102.5		3.9 x 5.7 x 5.8
Interface	USB					USB & RS232
Sensor	1280 x 800					W-VGA 752x480
Shutter	Rolling (30fps)	Global (60fps)		Rolling (30fps)	Global (60fps)	Global (60fps)
Reading Distance (Code 39)	7,8 to 21,8 cm (4mil)	7,1 to 14,2 cm (3mil)		0,25 to 19,6 cm (4mil)	0 to 7,1 cm (3mil)	SR/DL 3,3 to 20,6 cm (5mil) HD/DP 3 to 12,2 cm (3mil)
FOV	42°(H) 28°(V)	48°(H) 30°(V)		42°(H) 28°(V)	47.3°(H) 30°(V)	SR DL 39.6°(H) 27.7°(V) HD DP 27.5°(H) 24.9°(V)
Aimer	LED	Green LED	Red Laser	LED	Green LED /Red Laser	Red Laser
Illumination	RED LED	White LED		RED LED	White LED	Red LED


ZEBRA | Fixed Mount | SM72 SERIES




Monochrome



Monochrome  Color

SM7201 

SM7208 

	SR DL	
Dimensions (mm)	152 x 152 x 75	
Interface	USB	USB, RS232, TGCS (IBM) 46xx over RS485, KBW
Sensor	1920 x 1200 px	
Options	Gorilla Glass / Color Camera / support EAS	
Add. scanner port	No	Yes
Reading Distance (Code 39)	0 to 9,7 cm (3mil)	
FOV	54°(H) 35.5°(V)	Monochrome 54°(H) 35.5°(V) Color 129°(H) 75.9°(V)
Illumination	Red LED	
		



	PL5000-A	PL-5000-B	PL5000-C
Dimensions (mm)	30.12 x 16.4 x 8.4	38.74 x 26.6 x 6.23	19 x 12 x 2.82
Interface (engine)	MIPI Parallel	Parrallel	MIPI Parallel
Interface (host)	USB & RS232	USB & RS232	USB & RS232
Connector (host)	Micro USB & 31-Pin ZIF	Micro USB & 30-Pin ZIF	104-ball BGA Chip

ZEBRA | Fixed Industrial Scanners | Vision System



Monochrome

Monochrome

Monochrome

Color

Monochrome

Color

FS10		FS20/VS20		FS40/VS40		FS70/VS70	
25,4 x 51 x 43 mm		28,3 x 94,2 x 54,6 mm		54 x 64 x 91,4 mm		63 x 95 x 65 mm	
1,2 MP				2,3 MP		2,3 MP or 5,1 MP	
Integrated Red & White Illumination				Internal & External Illumination Options			
Amber LED Aimer				Laser Starburst Aimer			
IP65				IP65/IP67			
4 Programmable IO Ports				9 Programmable IO Ports			
3 Status LEDs		4 Status LEDs		5 Status LEDs			
USB-C		POE or 24 VDC Powered		USB-C			
Host Powered		Ethernet/IP, Profinet, Modbus TCP, TCP/IP		POE+, 24VDC or USB-C Powered		POE+, 24VDC or USB-C Powered Ethernet/IP, Profinet, Modbus, TCP, TCP/IP, CC-Link	








Honeywell

- Decoded Engines | 1D/2D
- Un-Decoded Engines | 1D/2D
- Fixed Mount Modules Engines | 1D/2D
- Hardware Decoder



	N4680	N5780 SR NEW	N5680 SR ER HD WA	N6780 SR
Dimensions	11,5 x 21,15 x 14,6	11,7 x 21,15 x 14,6	19,4 x 39,8 x 28,2	6,8 x 23,5 x 16,2
Interface	USB / TTL			
Sensor	640 x 480	1280 x 800	844 x 640	1280 x 800
Shutter	Global (120fps)	Global (60fps)		
Reading Distance (Code 39)	4,5 to 18 cm (5mil)	6 to 27,5 cm(5mil)	SR 4,7 to 19,6 cm (5mil) HD 3,1 to 11,4 cm (3mil) ER 6,1 to 44,2 cm (10mil) WA 2,3 to 7,3 cm (3mil)	SR 7 to 30,1 cm (5mil)
FOV	40°(H) x 30°(V)	47°(H) 30°(V)	SR 42.4°(H) 33°(V) ER 31.6°(H) 24.4°(V) HD 41.4°(H) 32.2°(V) WA 68°(H) 54°(V)	48°(H) 31°(V)
Aimer	Red LED	Green LED	Red Laser or Green LED	Red Laser or Green LED
Illumination	White LED	White LED	Red LED	White or Red LED



	N360X	N670X SR HD	N6803 MR FR	EX30
Dimensions	8.1 x 22 x 10.8	6.8 x 23.5 x 16.2	6.8 x 23.5 x 16.2	13 x 30,5 x 22,2
Interface	Parallel or MIPI	Parallel or MIPI	MIPI	Parallel or MIPI
Sensor	1 mpx	1280 x 800	1920 x 800	1280 x 800
Shutter	Rolling (30fps)	Global (60fps)	Global (60fps)	Global (60fps)
Reading Distance (Code 39)	3,1 to 45,5 cm (10mil)	SR 7 to 30,1 cm (5mil) HD 6,6 to 18,3 cm (3mil)	MR 8,3 to 35 cm (5mil) FR 13,7 to 39,6 cm (5mil)	9,5 to 136 cm (5mil)
FOV	49°(H) 32°(V)	48°(H) 31°(V)	MR 37°(H) 16°(V) FR near 48°(H) 21°(V) FR far 20°(H) 12°(V)	Near 42.5°(H) 27.4°(V) Far 11.4°(H) 7.2°(V)
Aimer	Green Led or Red Laser	Green Laser or Red Laser	Red Laser Dot	Red Laser Dot
Illumination	White LED	White or Red LED	White LED	White LED
	 	  		



	CF4680	CM4680	CM5680 SR WA	3330G SR HD	HF561 SR ER
Dimensions	90.6 x 105 x 75.07	28 x 55 x 48		74 x 50 x 26	76 x 56 x 43
Interface	USB	USB		USB/RS233/ <i>KW</i> *	USB or RS232
Sensor	640 x 480	640 x 480	844 x 640	844 x 640	844 x 640
Reading Distance (Code 39)	0 to 25,5 cm (10mil)	3,3 to 35,5 cm (10mil)	SR 5,5 to 20 cm (5mil) WA 1,5 to 7,3 cm (3mil)	SR 5,5 to 15,9 cm (5mil) HD 2,2 to 12,5 cm (5mil)	SR 1,5 to 18,5 cm (20mil) ER 16,5 to 59,5 cm (20mil)
FOV	40°(H) 30°(V)	40°(H) 30°(V)	SR 42.4°(H) 33°(V) WA 68°(H) 54°(V)	42.4°(H) 33°(V)	SR 75°(H) 60.5°(V) ER 31°(H) 23.5°(V)
Aimer	Red LED	Red LED	Green LED	Green LED	
Illumination	White LED	White LED	Red or Green LED	Red LED	White LED



	Gen7DB	Gen8DB
Dimensions	20mm x 14mm	
Engine Interface	Parallel	MIPI
Host Interface	TTL, USB	
Input	3.3V	
Processor	1 GHz	1.2 GHz



- Presentation Scanners | 1D/2D
- QUAD Custom | TWINSCAN | Presentation Combo Scanner + NFC | 1D/2D|13.56 MHz
- Presentation Scanners | Large Window | 1D/2D
- Scanners & Scan Modules | 1D/2D
- Scanners DPM & Industrial Scanner | 1D/2D



	7108	7130Plus	7160	7163	7168
Dimensions	39 x 35 x 25	65 x 61.2 x 22	77.5 x 66 x 45	78 x 67 x 23	122 x 89 x 60
Interface	USB / TTL232 / RS232		USB / RS232		
Sensor	640 x 480				1280 x 960
Reading Range	0 to 3 cm (5mil C39)	2 to 17 cm (20mil C39)	0 to 5 cm (10 mil Datamatrix)	0 to 5 cm (10mil Datamatrix)	0 to 11 cm (4x4 QR)
FOV	72°(H) 57°(V)		72°(H) 64°(V)	72°(H) 57°(V)	76°(H) x 65°(V)
Illumination	White Non-Agressive LED				
					

SuperLead | QUAD Custom | TWINSCAN

Presentation Combo Scanner 7160 + NFCMP30U-QD | 1D/2D | 13.56 MHz



QUAD GmbH



MP30U-QD	
Dimensions	60 x 30 x 6 mm
Weight	5g
Input	5 VDC
Frequency	13.56MHz Standard
Read Range	Mifare : 1-3cm ISO 15693 : 2-4cm
Card Type	ISO14443A, ISO14443B, ISO 15693, ISO 14444-3, ISO 14444-4, NFC1-4 TAGs
R/W Type	Read / Write
Interfaces	Serial TTL / RS232 / USB HID / USB VCOM

Scanner 2D 7160-N-USB-QD	
Dimensions	Inner : 77.5 x 66 x 45mm Outer : 104 x 74 x 45mm
Weight	75g
Reading Range	0 to 5 cm (10mil Datamatrix)
Resolution	640 x 480 px
Light Source	White Led
FOV	80°(H) x 64°(V)
Interfaces	USB / RS232

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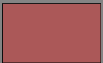


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	72CJ-HPS	72ISM-HPS	73IS-HPS
Dimensions	143 x 119 x 67	93 x 113 x 40	96 x 96 x 56
Interface	USB / RS232		
Sensor	1280 x 1080		1280 x 1080 / 640 x 480
Reading Distance	0 to 6 cm (5mil C39)	0 to 2cm (3mil C39)	0 to 6 cm (5mil C39)
FOV	50°(H) 35°(V)	55°(H) 47°(V)	50°(H) 35°(V)
Illumination	Red LED		
			



2102N	4200-N	5130HS	BT-2130HS
21 x 15 x 12	49 x 38 x 20	180 x 110 x 85	103 x 50 x 29
640 x 480 pxls			
4 to 25 cm (20mil C39)	4 to 9 cm (5mil C39)	5 to 11 cm (5mil C39)	6 to 15,5 cm (5mil C39)
FOV : 40°(H) 35°(V)	FOV : 45°(H) 35°(V)	FOV : 40°(H) 31°(V)	
USB/RS232			
		Bluetooth	
Illumination : White LED			
Aimer : Red LED			
			



X81		X82		X35	
92 x 75 x 188		92 x 75 x 199.5		93 x 55 x 50	
		1280 x 1080			
FOV : SR/HD 40°(H) ER/XD 35°(H)				FOV 31°(H) 27°(V)	
Global Shutter (60fps)				Global Shutter (120fps)	
RS232 / USB		Bluetooth		Ethernet / RS232	
Illumination : White LED				20 x White LED	



- Scanners & Scan Modules | 1D/2D
- Scan Modules & Omnidirectional Scanner | 1D/2D

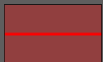






	Z-5132 GT	Z-5652 Ultra	Z-8072 Ultra
Dimensions	19 x 38 x 38.6	24.3 x 42.6 x 63.3	145 x 80.2 x 97
Interface	USB / RS232	USB / RS232	USB / RS232
Sensor	1280 x 800	1280 x 800	1280 x 800
Reading Distance (Code 39)	6 to 16 cm (5mil)	6,5 to 11,5 cm (5mil)	0 to 3 cm (3mil)
FOV	44.4°(H) 29.1°(V)	44.4°(H) 29.1°(V)	
Aimer	Red LED	Red LED	Red LED
Illumination	White LED	Red LED	Red LED
			



Omnidirectional | 1D

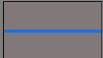
	Z-5130	Z-5160	A-50M Plus
Dimensions	15.8 x 39 x 26.6	30.3 x 65 x 80	72 x 64 x 68
Interface	Keyboard, RS-232, HID USB, USB Virtual COM, OPOS, JPOS		IBM 46xx, OEM (IBM) USB, RS-232, HID USB, USB Virtual COM
Optical System	Linear CCD array	Linear CCD array	5 directions of scan field
Reading Distance	5 to 11,5 cm (4mil)	2 to 8 cm (4mil)	3 to 8 cm (5mil)
Scan Rate	330 scans/sec	330 scans/sec	1400 scans/sec
Aimer	Red Laser		Red Laser Diode
Illumination	Red LED	Red LED	
			

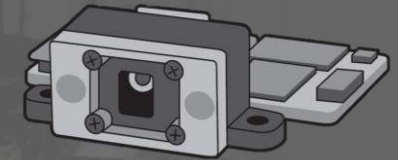
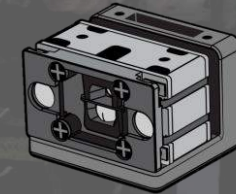
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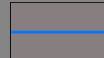
- Scanners & Scan Modules | 1D/2D
- Scan Engines | 1D/2D





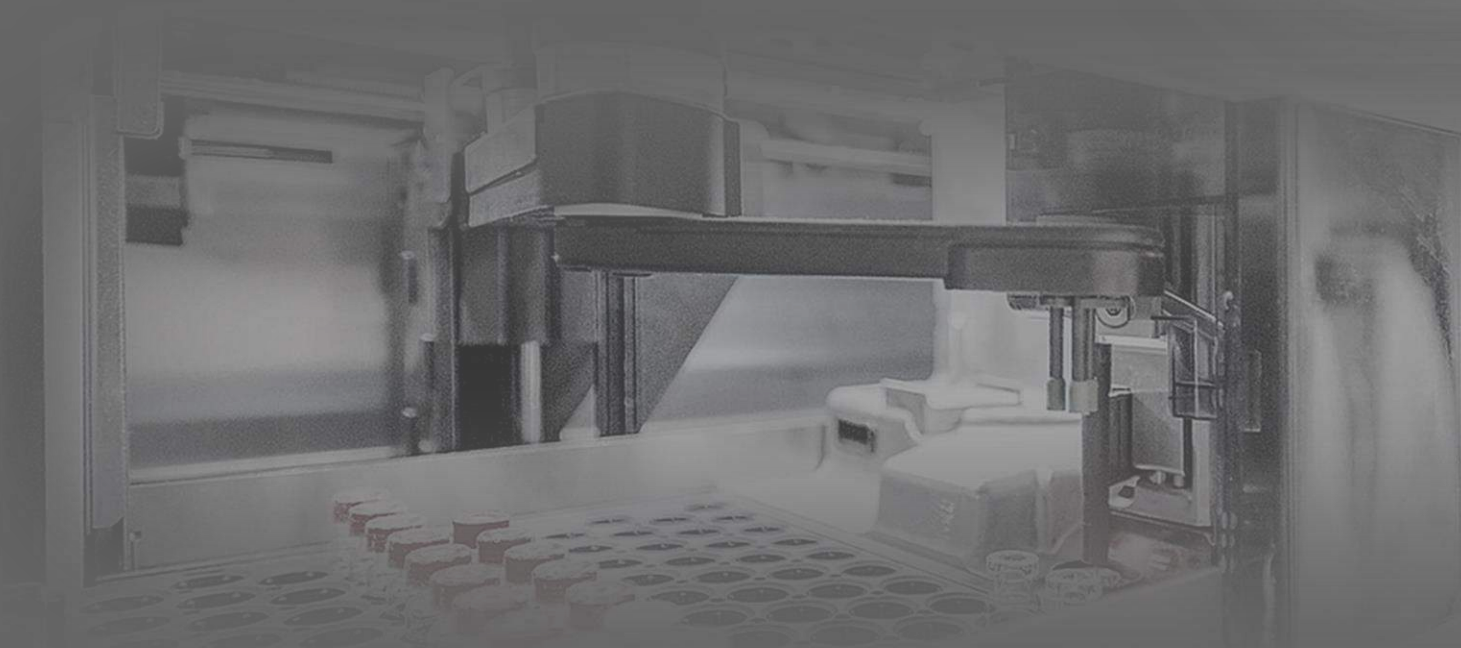
	CR950	CR1500	CR2700 Induction Charging	CR6000 DPM	CR1100
Dimensions	140 x 70 x 50	52 x 77 x 132	Palm : 27 x 52 x 130 Handle : 129 x 52 x 130	151 x 93 x 53	30 x 68 x 53
Interface	USB / RS232	USB / RS232	USB	USB/RS232	USB/RS232
Sensor	1280 x 960				
Reading Distance (Code 39)	5 to 24,5 cm (7,5mil)	8,5 to 10,7 cm (3mil)	9 to 11,2 cm (3mil)	2,5 to 5 cm (3mil)	8,4 to 10,9 cm (3mil)
FOV	51°(H) 39.4°(V)	HD 30°(H) 20°(V) WA 50°(H) 33.5°(V)		30°(H) 33.5°(V)	HD 30°(H) 20°(V) WA 50°(H) 33.5°(V)
Aimer	Blue LED				
					



	CR821X SR WA	CR822X SR WA	CR806X HD + WA	CR807X HD + WA
Dimensions	22.8 x 27.53 x 12.70	20.5 x 16.46 x 11.9	21 x 21.22 x 14.90	20.58 x 13.53 x 11.9
Interface	USB / RS232			
Sensor	1280 x 960			
Reading Distance (Code 39)	5 to 24,5 cm (7,5mil)		10 to 12 cm (3mil)	
FOV	SR 51°(H) 39.4°(V) WA 66°(H) 50°(V)		HD 30°(H) 20°(V) WA 50°(H) 33.5°(V)	
Aimer	Blue LED			
				

Leuze


- Industrials scanners





BCL 8 SM 550

BCL 8 SM 552

	BCL 8 SM 550	BCL 8 SM 552
Dimensions (mm)	58 x 75 x 17.4	40.3 x 48 x 15
Interface	RS232	
Reading Distance	2,5 to 14,5 cm	4 to 16 cm
Scanning rate	500 scans/s	
Aimer	Red Laser	
		

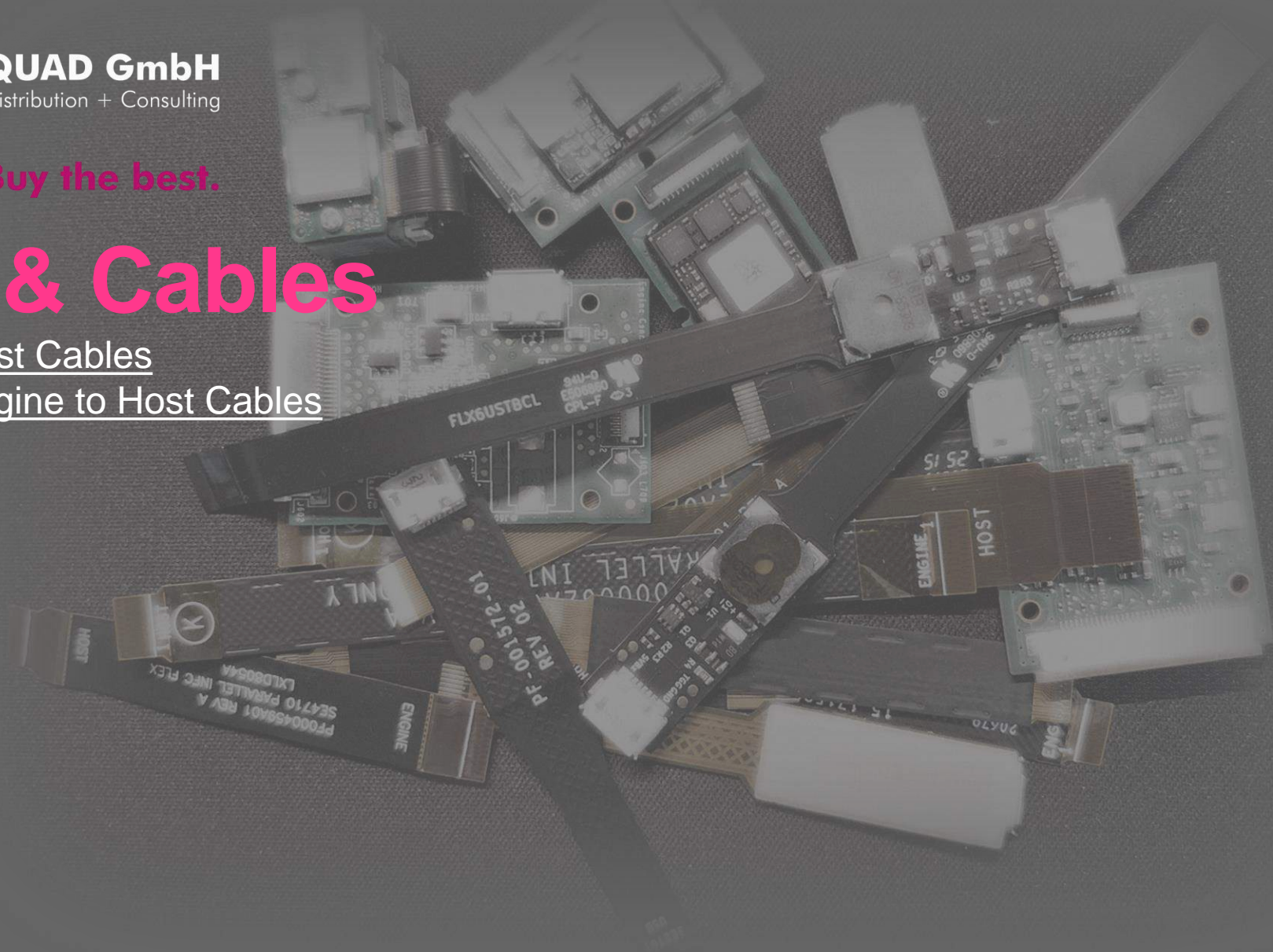


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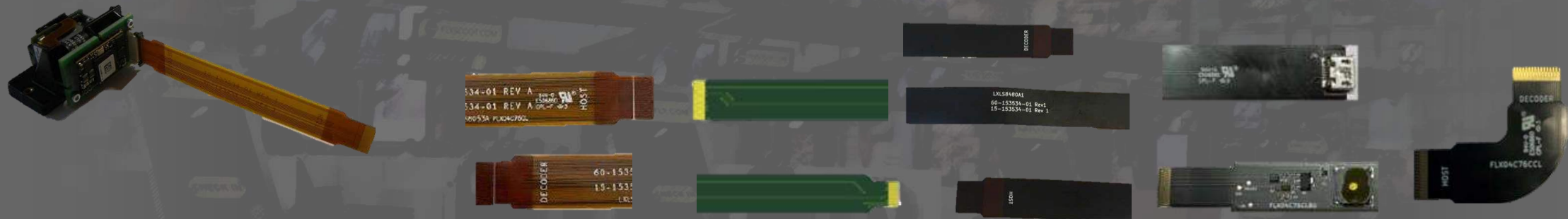
Buy the best.

Flex & Cables

- OEM Host Cables
- OEM Engine to Host Cables

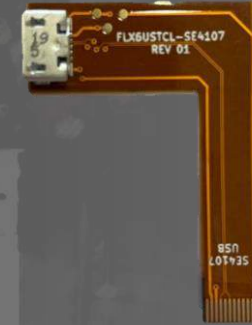
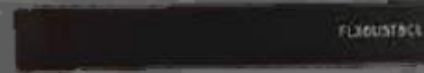
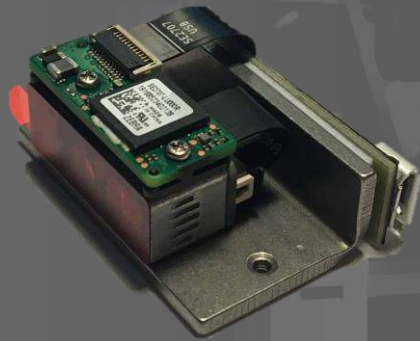


OEM Host Cables



	1107	1107W	1107C	1107P	1107A	1107Z
Ref.	KT-IMGENG-04-OEM Insulated	KT-IMGENG-04	KT-IMGENG-04-OEM USB ZIF ONLY	KT-IMGENG-04-OEM insulated	KT-IMGENG-04-beeper – micro-USB connector	KT-IMGENG-04-OEM Curve
Lenght	17 cm	7,6 cm	158 cm	30 cm	9,5 cm	2 cm
Compatible	SE3307 / SE4757 / PL5000A / PL3307A	SE3307 / SE4757 / PL5000A / PL3307A	SE3307 / SE4757 / PL5000A / PL3307A	SE3307 / SE4757 / PL5000A / PL3307A	SE3307 / SE4757 / PL5000A / PL3307A	SE3307 / SE4757 / PL5000A / PL3307A

OEM Host Cables



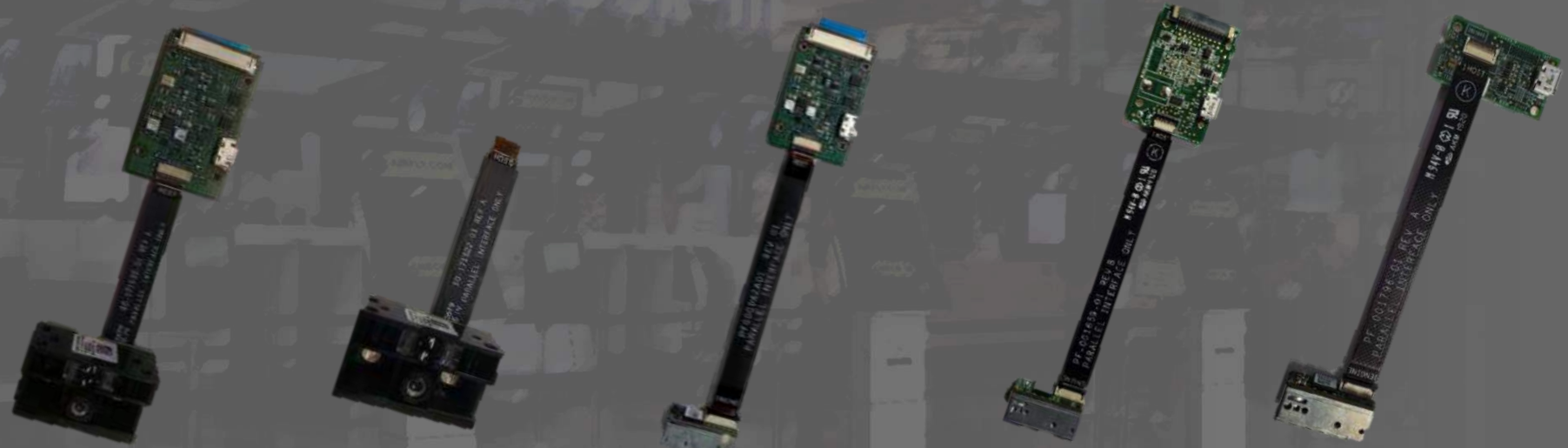
	1107N	1107O	1107U	1107Y
Ref.	KT-IMGENG-2707-OEM	KT-IMGENG-2707-OEM-BEEPER	KT-IMGENG-2707-OEM-CURVE	KT-IMGENG-4107-OEM-CURVE
Length	6 cm	10 cm	5,5 cm	5,5 cm
Compatible	SE2707 / SE4107 / N3680 / N4680 / CR8200 / Z5212	SE2707 / SE4107 / N3680 / N4680 / CR8200	QD-SE2707-LU000R /	QD-SE4107-LU000R

OEM Engine to Host Cables



	1107B	1107J	1107L	1107S	1107V	1108
Ref.	KT-SE5500-MIPI-OEM	KT-IMGENG-08-OEM	KT-IMGENG-02-OEM	KT-IMGENG-4850-OEM	KT-IMGENG-4100-OEM	KT-IMGENG-02-OEM
Lenght	9 cm	5,5 cm	5,5 cm	10cm	8,9 cm	2 cm
Engine	SE5500	SE4710 / SE4720	SE3300 / SE4750	SE4850ER	SE4100 / SE4710	SE3300 / SE4750
Host	PL5000AM	PL5000AP / PL3307AP	PL5000AP / PL3307A	PL5000AM	PL5000AM	PL5000AP / PL3307AP

OEM Engine to Host Cables



	3613I K	3613L K	3613J	3615I K	3615J K
Ref.	KT-IMGENG-01N	KT-IMGENG-05N	KT-IMGENG-06N	KT-IMGENG-09	KT-IMGENG-10
Brand	Zebra	Zebra	Zebra	Zebra	Zebra
Length	5.5 cm	5.5 cm	8.9 cm	8.9 cm	8.9 cm
Engine	SE3300 / SE4750	SE3300 / SE4750	SE4710 / SE4720	SE4770	SE4770
Host	PL3307-B/ PL5000-B	PL3307-C / PL5000-C	PL3307-B/ PL5000-B	PL5000-B	PL-5000-AP

OEM Host Cables



	3612K	3610C	3610M	1341C
Ref.	KT-IMGENG-03	50-16000-139R	50-16000-134R	F4PABAA-12-0200
Brand	Zebra	Zebra	Zebra	Honeywell
Lenght	4.5 cm	5.3 cm	24.5 cm	5 cm
Compatible	PL3307B / PL5000B	SE-965 / SE-955 / SE2707 / SE4107	SE-965 / SE-955 / SE2707 / SE4107	N4680 / N5680 / N5780



RFID Solutions | Embedded Modules | Antennas | Desktop/Wall Mount Readers



GIGA-TMS INC.
Quality, Delivery & Service

- LF Modules | 125 KHz | 134,2 KHz
- HF & UHF Modules | 13,56 MHz | 860-960 MHz
- TWINSCAN | Presentation Combo Scanner + NFC |1D/2D|13.56 MHz
- LF & HF Wall-Mount Readers | 125 KHz | 13,56 MHz
- LF & HF Desktop Readers | 125 KHz | 13,56 MHz
- HF Wall Mount Readers | MP3XX Series | 13,56 MHz
- HF Wall Mount Readers | 13,56 MHz
- Mobile Readers for Smartphone | 13,56 MHz | 860-960 MHz
- UHF Desktop Readers | 860-960 MHz
- UHF Wall-Mount Reader + Antenna | 860-960 MHz
- Scannel | UHF All-In-One* Reader | 860-960 MHz
- UHF Antenna | 860-960 MHz



- Zebra Technologies | UHF Module | 860-960 MHz
- Scannel | UHF Antenna | 860-960 MHz



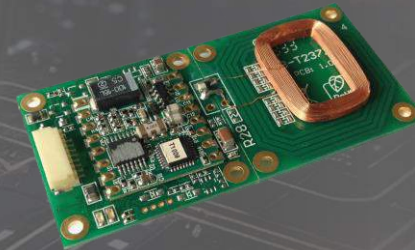
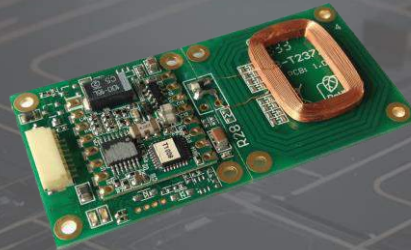
- UHF Embedded Modules | 860-960 MHz
- UHF Readers | 860-960 MHz
- UHF Antennas | 860-960 MHz
- HF/NFC Embedded Modules | 13.56 MHz
- HF Antennas | 13.56 MHz
- HF/NFC Readers | 13.56 MHz
- LF Embedded Modules | 125/134.2 kHz



GIGA-TMS INC.

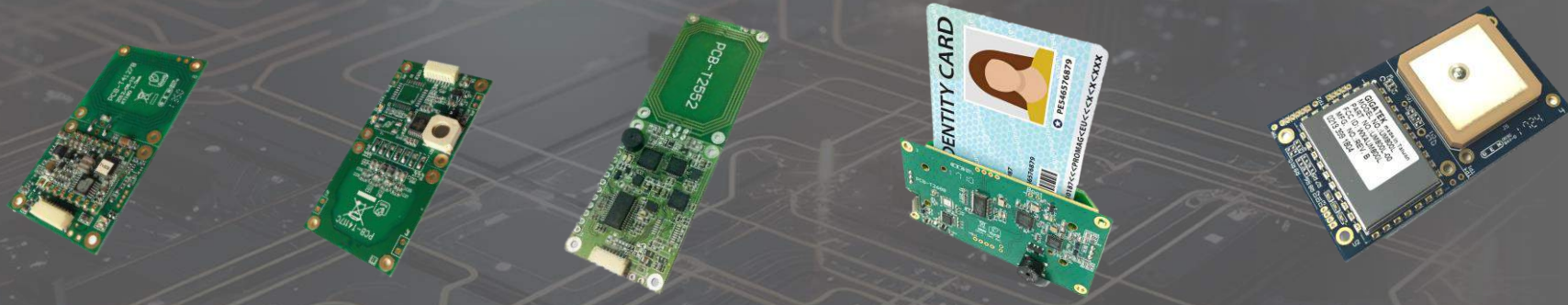
Quality, Delivery & Service

- LF Modules | 125 KHz | 134,2 KHz
- HF & UHF Modules | 13,56 MHz | 860-960 MHz
- TWINSKAN | Presentation Combo Scanner + NFC |1D/2D|13.56 MHz
- LF & HF Wall-Mount Readers | 125 KHz | 13,56 MHz
- LF & HF Desktop Readers | 125 KHz | 13,56 MHz
- HF Wall Mount Readers | MP3XX Series | 13,56 MHz
- HF Wall Mount Readers | 13,56 MHz
- Mobile Readers for Smartphone | 13,56 MHz | 860-960 MHz
- UHF Desktop Readers | 860-960 MHz
- UHF Wall-Mount Reader + Antenna | 860-960 MHz
- Scannel | UHF All-In-One* Reader | 860-960 MHz
- UHF Antenna | 860-960 MHz



	RF310	RF31X
R/W Type	UID Only	
Card Type	EM 64bits ASK / ISO11784 /11785 FDX-B	
Frequency	125 KHz	134,2 KHz
Interface	Serial (UART) / RS232 / USB HID	
PCB Type	3 types (Type0 – Type2)	
Dimensions (mm) (L)x(W)x(H)	Type0 : 60 x 30 x 7.8 Type1 : 30 x 30 x 11.4 Type2 : 30 x 30 x 7.8	
Input	5 VDC	

PROMAG™ | HF & UHF Modules | 13,56 MHz | 860-960 MHz



	RF320	MP30	MP90A	MP80A	RF385
R/W Type	UID Only	Read / Write			
Card Type	ISO 14443A	ISO 14443A/B / ISO 15693 / NFC	ISO 14443A/B / ISO 7816	ISO 15693 / NFC	ISO 18000-6C : EPC Class 1 Gen2
Frequency	13,56 MHz				860-960 MHz
Interface	Serial (UART) / RS232 / USB HID	Serial TTL / RS232 / USB (VCOM) / HID			Serial (UART) / RS232 / USB (VCOM) / USB HID
PCB Type	3 types (Type0 – Type2)			1 Type	2 Types
Dimensions (mm) (L)x(W)x(H)	Type0 : 60 x 30 x 7.8 Type1 : 30 x 30 x 11.4 Type2 : 30 x 30 x 7.8		Type0 : 90x30x7.8 Type1 : 45x30x11.4 Type2 : 45x30x7.8		Type0 : 60 x 34 x 7.8 Type2 : 30 x 34 x 7.8
Input	5 VDC				

Updated: 08/12/2023



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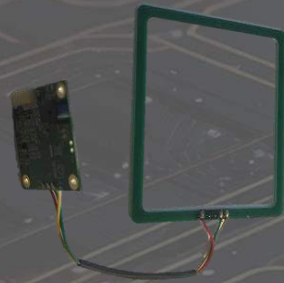
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PROMAG™ | QUAD Custom | TWINSCAN

Presentation Combo Scanner 7160 + NFCMP30U-QD |1D/2D|13.56 MHz



QUAD GmbH



MP30U-QD	
Dimensions	60 x 30 x 6 mm
Weight	5g
Input	5 VDC
Frequency	13.56MHz Standard
Read Range	Mifare : 1-3cm ISO 15693 : 2-4cm
Card Type	ISO14443A, ISO14443B, ISO 15693, ISO 14444-3, ISO 14444-4, NFC1-4 TAGs
R/W Type	Read / Write
Interfaces	Serial TTL / RS232 / USB HID / USB VCOM

Scanner 2D 7160-N-USB-QD	
Dimensions	Inner : 77.5 x 66 x 45mm Outer : 104 x 74 x 45mm
Weight	75g
Reading Range	0 to 5 cm (10mil Datamatrix)
Resolution	640 x 480 px
Light Source	White Led
FOV	80°(H) x 64°(V)
Interfaces	USB / RS232

Updated: 08/12/2023



QUAD GmbH - OEM
www.quad.de



QUAD GmbH

PROMAG™ | LF & HF Wall-Mount Readers | 125 KHz | 13,56 MHz



	UR110/115	FL20	FL20S
Category	Reader (S/N only)	UID Reader	
Card Type	EM H4001 / H4002	EM, ISO 14443A, ISO18092, FeliCa card	EM, ISO 14443A
Frequency	125 KHz	Dual Frequency 125 KHz / 13.56MHz	
Interface	TK2/RS232/485/Wiegand/USB	Wiegand / RS232 / ABATK2	1-Wire & RS232
Input	7.5-12 VDC	5-18 VDC	10-48 VDC
Installation	Wall Mount		

Updated: 08/12/2023



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QUAD GmbH

PROMAG™ | LF & HF Desktop Readers | 125 KHz | 13,56 MHz



	PCR340	MP101	SL200
Category	UID Reader	Read/Write	Reader
Card Type	EM, ISO 14443A	ISO 14443A/B / ISO 15693 / NFC	ISO 14443A, ISO15693, NFC
Frequency	Dual Frequency 125 KHz / 13.56MHz	13.56 MHz	
Interface	RS232/USB/PS2	RS232 / USB HID / USB VCOM	USB HID / Bluetooth
Input	5 VDC	5 VDC	5 VDC
Installation	Desktop	Desktop	Desktop

Updated: 08/12/2023



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PROMAG™ | HF Wall Mount Readers | MP3XX Series | 13,56 MHz



	MP310	MP315	MP320	MP325
Category	UID Reader		Configurable Reader	
Card Type	ISO 14443A/B / ISO 15693 / NFC			
Frequency	13.56 MHz			
Interface	RS232 / Wiegand			
Input	5-12 VDC	5-48 VDC	5-12 VDC	5-48 VDC
Installation	Wall Mount			

Updated: 08/12/2023



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PROMAG™ | HF Wall Mount Readers | 13,56 MHz



	UR220/225	MR2S	MF7S	ER755
Category		UID Reader		Reader
Card Type	MIFARE Ultralight, MIFARE Standard 1K, MIFARE Standard 4K, DesFire UID only			MIFARE Ultralight, MIFARE Standard 1K, MIFARE Standard 4K, DesFire UID only
Frequency	13.56 MHz			
Interface	TK2/RS232/485/Wiegand/USB	1-Wire & RS232		Ethernet
Input	7.5 – 12 VDC	10 – 48 VDC		7.5 – 24 VDC / 125 mA@12VDC
Installation	Wall Mount			

Updated: 08/12/2023



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PROMAG™ | Mobile Readers for Smartphone | 13,56 MHz | 860-960 MHz



	MP150	MU400H
Category	Read / Write	
Card Type	ISO14443A/ B, ISO15693	EPC Class 1 Gen2, ISO18000-6C
Frequency	13,56 MHz	860-960 MHz
Interface	USB-C	
OS	Windows / Android 3.0	
Installation	Snap-On	
Power	5 VDC	

Updated: 08/12/2023



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PROMAG™ | UHF Desktop Readers | 860-960 MHz



*Option : USB port for Barcode Scanner

	TS100	TS800	TS50	TA500	UE600
Category		Reader / Encoder		Reader	Encoder (R/W)
Card Type		ISO 18000-6C / EPC Class 1 Gen2		ISO 18000-6C, EPC Class 1 Gen2	
Frequency		860-960 MHz			
Interface		USB HID / WIFI		USB HID / RS232	
Input		5 VDC			
Installation		Desktop			

Updated: 08/12/2023



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PROMAG™ | UHF Wall-Mount Reader + Antenna | 860-960 MHz



	UHF880
Category	Reader
Card Type	EPC Class 1 Gen2, ISO18000-6C
Frequency	860-960 MHz
Interface	RS232 / RS485 / Wiegand / Wifi
Input	12 VDC
Installation	Wall Mount

	ANT800	ANT800L
Dimension	25.6 x 25.6 x 3 cm	
Frequency	865-869 MHz / 902-928 MHz / Custom	
Input Impedance	50 ohms	
Gain	9 dBi +/- 0,5	
IP Rating	IP66	
Operating temperature	-30°C / +55°C	
Polarization	RHCD	Linear

SCANNEL | UHF All-In-One* Reader | 860-960 MHz

*w/o built-in antenna



RU224-51

860-960 MHz

4 antenna ports

Linux PC built-in

16 Gb Storage (up to 32Gb)

Wifi / Bluetooth / Ethernet

4 USB Ports

GPIO (12V) 4 inputs / 4 outputs

Power 12V

↓ *Compatible Antennas ↓

Updated: 08/12/2023

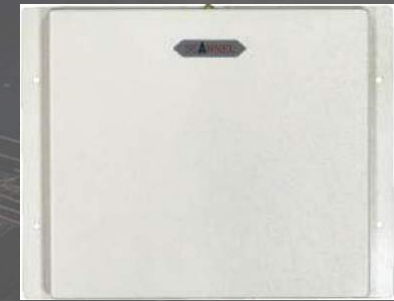
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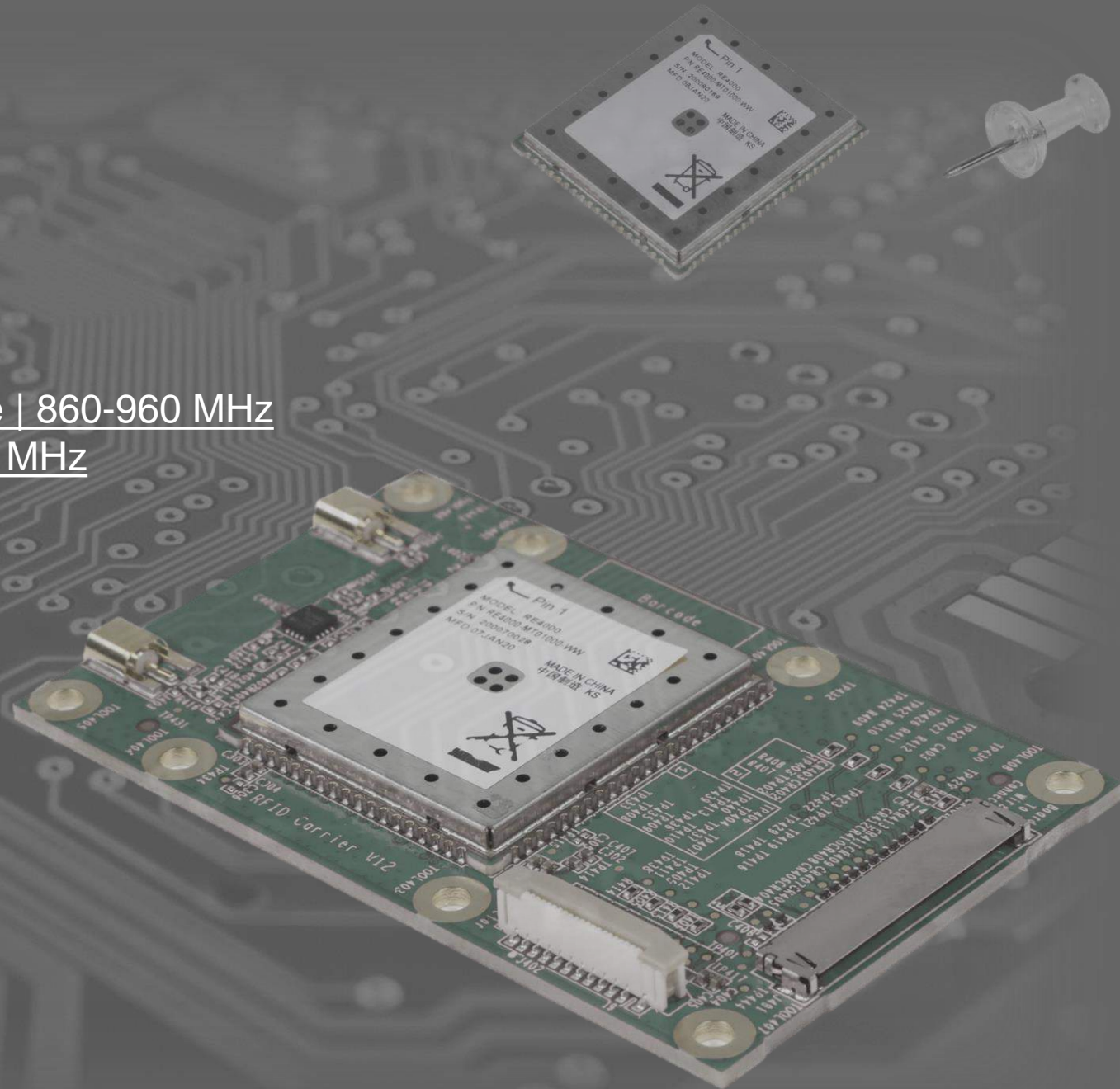
SCANNEL | UHF Antenna | 860-960 MHz

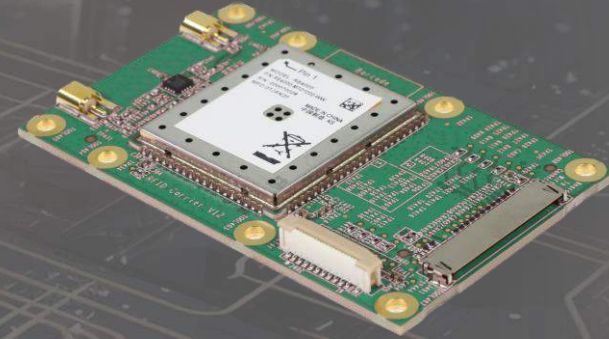
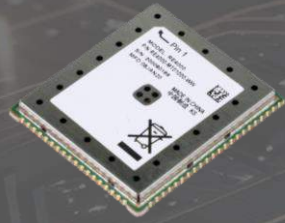


	NFL150	NFL300	FFP150	FFP300
Dimension	195 x 165 x 25 mm	360 x 290 x 25 mm	195 x 165 x 25 mm	360 x 290 x 25 mm
Frequency	865 MHz – 928 MHz		865 – 868 MHz (EU/ETSI) 902 – 928 MHz (US/ANSI)	
Input Impedance	50 ohms			
Gain	- 7.5 dBi +/- 0.5	- 5 dBi +/- 0.5	3 dBi +/- 0.5	7 dBi +/- 0.5
Polarization	LHCP Directional			



- Zebra Technologies | UHF Module | 860-960 MHz
- Scannel | UHF Antenna | 860-960 MHz





RE40 - SMT

Integrated surface-mount module

1 Monostatic port

EPC Global UHF Gen2

ETSI EN302 208

28 x 30 x 3 mm

TX Power Output -10dBm to +27 dBm

Receive Sensibility -78 dBm

RE40 - PCB Carrier

PCB Carrier Module

2 or 4 MMCX Monostatic Ports

62-pin SMT

UART & USB Serial

EPC Global UHF Gen2

ETSI EN302 208

69 x 43 x 10 mm

TX Power Output -10dBm to +27 dBm

Receive Sensibility -78 dBm



	NFL150	NFL300	FFP150	FFP300
Dimension	195 x 165 x 25 mm	360 x 290 x 25 mm	195 x 165 x 25 mm	360 x 290 x 25 mm
Frequency	865 MHz – 928 MHz		865 – 868 MHz (EU/ETSI) 902 – 928 MHz (US/ANSI)	
Input Impedance	50 ohms			
Gain	- 7.5 dBi +/- 0.5	- 5 dBi +/- 0.5	3 dBi +/- 0.5	7 dBi +/- 0.5
Polarization	LHCP Directional			



Compatible Zebra RE40



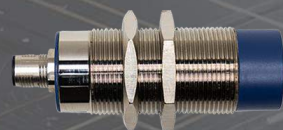
iDTRONIC

- UHF Embedded Modules | 860-960 MHz
- UHF Readers | 860-960 MHz
- UHF Antennas | 860-960 MHz
- HF/NFC Embedded Modules | 13.56 MHz
- HF Antennas | 13.56 MHz
- HF/NFC Readers | 13.56 MHz
- LF Embedded Modules | 125/134.2 kHz





	M600	M620	M630	M650	M670
Category			Reader		
Reader IC		Impinj 310		Impinj 710	
Card Type		ISO 18000-63 / EPC Class 1 Gen2			
Frequency		865-868 MHz (EU)/ 902-928 MHz (US)			
Interface		TTL			
Input		5 VDC			
Installation		Embedded			



	Desktop Reader NEO2	Cylindrical Reader BLUEBOX	Short Range Reader BLUEBOX	Mid Range Reader BLUEBOX	Long Range Reader 2CH BLUEBOX
Dimensions	115 x 70 x 17	30 x 1.5 x 90.65			
Card Type	ISO 18000-63 / EPC Class 1 Gen2				
Frequency	865-868 MHz (EU)/ 902-928 MHz (US)				
Interface	USB		RS232 / RS485		
Protection Class	IP40		IP65		IP68
Antenna	Integrated			2x External TNC	



CX Antenna LR

BLUEBOX UHF MR Antenna

BLUEBOX UHF Antenna Cylindrical M30

UHF Embedded Antennas

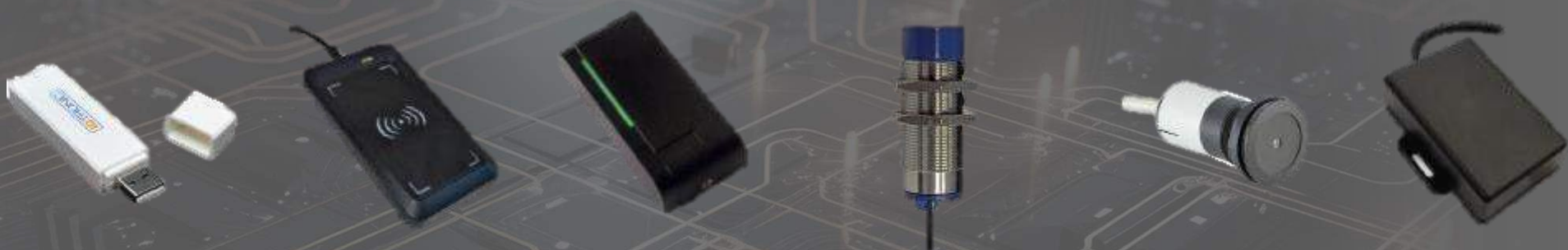
	CX Antenna LR	BLUEBOX UHF MR Antenna	BLUEBOX UHF Antenna Cylindrical M30	UHF Embedded Antennas
Dimensions (mm)	250 x 250 x 14	150 x 150 x 14	M30 x 1.5 x 90.15	see datasheet
Frequency	865-867 MHz (EU) 902-928 MHz (US)	864-869 MHz (EU) 902-928 MHz (US)	864-870 MHz (EU) 913.5-919.5 MHz (US)	864-868 MHz (EU) 902 MHz-928 MHz (US)
Input Impedance	50 ohms			
Gain	8 dBic	5.5 dBic	-10 dBic	See datasheet
Polarization	RH Circular	Right Hand Circular Polarized	Circular	RHCP
Protection Class	IP67	IP68	IP65	



	M900	M890-TTL	M890	R835
Dimensions	25 x 17 x 3	43 x 22 x 4	54 x 22 x 5	58 x 35 x 5
Category	Reader			
Card Type	ISO 14443A, ISO 14443B, ISO 15693, ISO 18000-3M3			
Frequency	13,56 MHz			
Interface	TTL PC/SC	TTL HID PC/SC	RS232 USB	TTL RS232 USB PC/SC Modbus
Installation	Embedded			



	A910	A911	A912	A913	A914	A915	A916
Dimensions (mm)	20 x 30	20 x 40	35 x 50	80 x 80	60 x 80	45 x 86	49 x 55
Frequency	13.56 MHz						
Impedance	50 ohms						
RF Connector	U.FL or MOLEX PicoBlade 53621 (PCB conn.) 51021 (cable conn.)						
Op Temperature	- 10°C to + 55°C						



	Stick Reader - EVO	Desktop Reader NEO2	Access Reader NEO	Cylindrical Reader M30	Panel Reader NEO	Automotive Reader IGNITE-SMART
Dimensions (mm)	75 x 20 x 10	115 x 70 x 17	100 x 46 x 20	58 x 35 x 5	Ø 22.3 mm	81.4 x 68.6 x 24.1
Card Type	ISO 14443A ISO14443B ISO 15693	ISO 14443A ISO14443B ISO 15693 Legic	ISO 14443A ISO14443B ISO 15693			NXP DESFire EV2/EV3
Frequency	13,56 MHz					
Interface	USB 2.0 (plug-and-play)		RS485 Modbus USB	RS232 RS485	USB RS232	CANbus (SAE J1939 or CANopen) with custom specific protocol
Antenna	Integrated					



	M900	M890
Dimensions	25 x 16,5 x 2,8	TTL: 39.3 x 19.3 x 4.6 mm USB + RS232: 53.5 x 22.2 x 5 mm
Category	Reader	
Card Type	EM4200 EM4550 Hitag	
Frequency	125 or 134,2 kHz	
Interface	TTL	TTL USB VCP RS232
Installation	Embedded	



THANK YOU



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