

IT3800g Bar Code Hand-held Scanner



Hand-Held Line

IT3800g – the next generation of imaging technology

The newest member of the linear imager family IT3800 sticks out because of its unique reading performance.

Reading distances and depth of field have been improved significantly. Particularly the fast and aggressive identification of even badly printed bar codes has to be mentioned. With the IT3800g bar codes can be captured a four times quicker than before. This helps to identify objects more quickly and allows to scan more parts per time period.

The scan line has been made thinner to realise an easier aiming on codes situated close to each other. At the same time this thinner scanning line is sharper and therefore more visible for the user.

The IT3800g is highly ergonomic as well as robust. The weight of the IT3800g could be reduced. So it perfectly fits into the user's hand and allows a comfortable working even over longer time periods.

The combination of optical and mechanical features makes the IT3800g a reliable, general purpose hand-held scanner.

Warehousing, transportation & logistics or manufacturing, the IT3800g makes the identification of bar codes as easy and as fast as never before.

Your benefits:

- Fast and reliable bar code reading
- Secure identification of bad quality bar codes
- Ergonomic and robust housing for daily use

The IT3800g at a glance:

- 270 scans/second
- Horizontal motion tolerance of 50 cm/second
- 50 drops from 1.5 m to concrete

Technical data

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|---|---|
| Type | IT3800g |
| Scanner design | Linear Imager hand-held scanner |
| Light source | Visible read light ($\lambda = 630 \text{ nm}$) |
| Ambient light compatibility | Max. 70,000 lux |
| Scanning/decoding frequency | 270 scans/s |
| Reading range | See reading field diagram |
| Scan contrast | Minimum 20 % |
| Minimum resolution | 0.075 mm |
| Code types | Codabar, Code 3 of 9 incl. PARAF, Interleaved 2 of 5, Code 2 of 5, Matrix 2 of 5, Code 11, Code 93, Code 128, UPC, EAN/JAN, China Postal Code, RSS. 2005 Sunrise/GTIN compliant |
| Data interfaces | USB, USB serial, RS 232 TTL, PS/2 keyboard wedge, IBM46xx, Retail USB |
| Operating voltage | 5 to 12 V DC (3800GX5E)/5 V DC (3800GX4E) |
| Enclosure rating | IP 41 |
| Mechanical shock | 50 drops from 1.5 m to concrete |
| Weight | 160 g |
| Dimensions | 110 mm x 150 mm x 80 mm |
| Ambient temperature (operating/storage) | 0 to 50 °C / -40 to 60 °C |

| Order No. | Product |
|------------|--|
| 6033410 | IT3800G15E |
| 6034072 | Kit incl. IT3800G14E, PS/2 connection cable and manual |
| 6034073 | Kit incl. IT3800G14E, RS 232 data cable, power supply unit, EU power line cable and manual |
| 6034074 | Kit incl. IT3800G14E, RS 232 data cable, power supply unit, UK power line cable and manual |
| 6034075 | Kit incl. IT3800G14E, USB cable and manual |
| On request | Interface cables for connection to various terminals |
| On request | Additional products as power supply units or attachments |

