DESKO BGR 504 pro

High Performance Queue Busting Boarding Gate Reader

The high-performing DESKO BGR 504 pro is based on robust flatbed scan technology for highest and superfast barcode read rates.
Because of its barrier-free flatbed design the BGR 504 pro allows for a user-friendly mobile boarding pass reading from smartphones, smartwatches or large tablet displays.

A large multicolor LCD display for text and picture display, multicolor LEDs for clear visual feedback and an adjustable volume control for acoustic feedback make the BGR 504 pro the ideal device for a fast and trouble free boarding processes.
Optionally available features like NFC boarding guarantee a future-proof infrastructure, and protect your investment.



Your Advantages

- *Extra-large barcode scanning window*
- *Large multicolor LCD display with wide viewing angle for agent and passenger communication*
- *Highly visible multicolor LED indicator*
- *Loud, volume control buzzer*
- *Flat design, easy to integrate in counter*
- *NFC ready*
- *Obstacle free barcode scanning, even from iPads*
- *Rugged design – solid box, extra toughened glass (standard)*

“BARRIER-FREE FLATBED DESIGN”



TECHNICAL DATA

Vcc: 5V +/- 5%
Icc: max. 1.0 A

Footprint*:
L 193 mm (7.60 inches) ×
W 150 mm (5.91 inches) ×
H 70 mm (2.76 inches)

Weight:
780 g

Operating Temperature:
0°C – 50°C

Scan Window:
L 78,5 mm (3,09 inches) ×
W 103 mm (4,06 inches)

Display:
4,3“ full graphic display
480 × 272 pixels

Host interface:
USB
Serial RS232 Interface

Status Indicator:
Audible and visible status indicator

**without rubber feet*

Features

- Barcode Recognition Module: embedded barcode engine with 1D/2D barcode read capability for printed and electronic barcodes, white light barcode scan
- Flatbed Design: optimized for paper boarding passes and mobile boarding passes, obstacle free scan for i.e. iPad or large smart phone scanning
- High-Performance Barcode Scan Engine: high-speed scan with large depth of view
- Rugged Design: solid box, extra toughened glass (standard)

Optional Features

- NFC Module: integrated NFC antenna system for NFC boarding application (optional)
- China ID Reading Module: integrated RFID module specifically designed for reading China National ID Card (optional)
- Long-lasting protection for the safety glass: DESKO Elephant Foil®

User Feedback

- Display: full-graphic multicolor display for individual graphics and text messages
- Light: highly visible multicolor LED for clear GO/ NO-GO feedback
- Sound: high and low volume control buzzer, additional interface for external buzzer

Certifications

- Common Use certified
- CE, FCC, WEEE, RoHS

Interfaces

- Host Interface: USB
- True Serial Host Interface: 1 × RS232 by DE-9/SUBD9 socket
- True Serial Aux Interface: 1 × RS232 by DE-9/SUBD9 for i.e. POS printer

Documents

- 1D/2D barcode documents printed on paper or presented on display e.g.smartphone, smartwatch or tablet
- Supports all airline boarding pass types
- Full NFC support (optional) according to ISO 14443 (A/B)
- China national ID card according ISO 14443 (TYPE B)

DESKO®

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