advanced PANMOBIL® systems

SCANNDY Basic/gun

AutoID - Made in Germany

Data sheet

iOS certified for iPad / iPhone solutions

ANDROID communication for smartphone / tablet

Modules for RFID (LF, HF, UHF) and Barcode (1D, 2D)

With integrated middleware - EMMware with SCOUTtechnology

Compact and High-Performance

SCANNDY II combines state of the art technology in a compact and robust design with advanced AutoID functionality. The hybrid system with the capability of reading 1D and 2D Codes as well as reading and writing RFID Tags combined with the most common communication interfaces like USB, Bluetooth, WiFi or 433MHz ensures the usage in different applications like logistics and transportation, Asset-Tracking, Healthcare, E-Ticketing, Job-Costing and many others.

User friendly design

As with all products of PANMOBIL the user is the focus. The graphical OLED-Color-Display allows a specific user operation. For special data input requirements SCANNDY II offers two keypad layouts. Alpha / numeric with 19 keys or function orientated with 7 keys. The function for each key can be defined by programming.

Tailored for numerous logistics applications

Based on the ARM9 CPU with 400MHz and the Linux operating system the SCANNDY II can be adapted individually into existing applications. With the provided Universal Software the device function can be determined by an easy to use scripting language, without software development knowledge.For applications were complex data processing is required, the device can be individually programmed in C/C++ using the available SDK with lots of source code samples.

The suitable medium for every application

The hybrid system SCANNDY II can be adapted easily to the most application. Whether 1D or 2D Barcode reading, RFID Low Frequency, High Frequency, Ultra High Frequency or even a combination of both technologies is possible with SCANNDY II. Both Barcode reading option can be equipped with one of the three RFID options.

Free choice of communication interface

Even for data communication SCANNDY II offers multiple interfaces. Configurable Quad USB (USB Mass storage, USB serial, USB HiD or USB Ethernet) for batch applications, as well as Bluetooth (SPP /HiD) and WiFi 802.11 b/g for wireless data communication.

AutoID Made in Germany

SCANNDY Basic/gun

CPU	ARM9 400 Mhz
Memory	128 MB RAM / 500 MB Flash (extendable to up to 32 GB factory installed
Proof of Data	Non volatile memory
Date/Time	Realtime clock
Interface	USB Mass Storage / USB HID / USB Ethernet / USB Serial
Programming	SDK / C++
Configuration	SFL scripting
System Support	Windows Vista / XP / Win 7 (32 and 64 bit) / Server 2003/2000
Wireless (optional)	Wifi 802.11 b/g, Wifi Mhz Point to Point, Bluetooth Class II SPP/HiD master/slave
Audio	Speaker
LED	Red / Green / Yellow / Blue
Keyboard	alphanumeric: 19 keys, function orientated: 7 keys
Vibration	Vibration feedback (optional)
Barcode	1D: EAN-8, EAN-13, UPC-A, UPC-E, Code128, Code39, Interleaved 2of5 2D Imager: DataMatrix, QR Code, Micro QR, Aztec Code, Maxi Code, PDF417, MicroPDF (optional) 1D Laser Module: EAN-8, EAN-13, UPC-A, UPC-E, Code128, Code39, Code93,Interleaved 2of5, Chinese 2of5, Codabar, Codablock_F
RFID (optional)	**LF**: 125 KHz Hitag1, Hitag2, HItagS, Unique, Q5, Reading range 0-5 cm (depending on tag and enviroment) **HF**: 13,56 Mhz ISO 15693 read/write, Reading range 0-10 cm (depending on tag and enviroment), 13,56 MHz ISO 14443A, Mifare, read/write, Reading range 0-5 cm (depending on tag and enviroment) **UHF**: 860-960 MHz, EPC GEN 2 ISO 18000-6C read/write, Reading range: SCANNDYbasic: 0-30 cm (depending on tag and enviroment) SCANNDYgun: 0-200 cm (depending on tag and enviroment)
Size	SCANNDYbasic: 108x62x42 mm SCANNDYgun: 150x104x146 mm
Weight	SCANNDYbasic: 139 g SCANNDYgun: 412 g
Housing	Strong ABS with stressable rubber protector
Battery	SCANNDYbasic: 1250 mAh Lithium Ion SCANNDYgun: 1500 mAh Lithium Ion
Power Consumtion	Idle: 10 mAh, Power off: ‹ 0,5 mAh, Reading UHF: 160 mHa
Protection Class	IP 54 (with rubber protector)
Shock Resistance	1,6 m to concrete surface
Temperature	operating temperature: -10 °C to +50 °C storage temperature: -20 °C to + 70 °C
Humidity	5% to 95% (non-condensing storage)

Accessories

SCANNDYbasic Docking-Station

Car Docking-Station

SCANNDYgun Short Range

SCANNDYgun Long Range

Safety Lanyard

Car Charging Aapter

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