SMARTPEAK

MINDEO LASER

Industrial collector SMARTPEAK C500SP-1D Android v.1

Category:	UMPC - Ruggedized
Manufacturer:	SMARTPEAK
Operating System:	Android 4.1 Android 5.1**(option)**
Display:	3.7 ", capacitive, multi touch, WVGA (480x800), IPS, Corning Gorilla Glass, Sunlight readable
Brightness:	350nits
Processor:	Qualcomm MSM8625Q quad-core 1.2GHz
Memory:	1GB
Hard Drive:	4GB
Touch screen:	Tak
Durability:	IP65
Drop:	1.2 meter
Shock:	-----
Vibration:	-----
Temperature:	Operating temperature: -20°C -- +60°CStorage temperature: -40°C -- +80°C
Humidity:	0 to 95%(no condensation)
1D barcode scanner (reader):	1D LASER - Mindeo

2D barcode scanner (reader):	-----
RFID scanner (reader):	**NFC (13.56Mhz)** ISO14443 A/BISO15693
Other:	**Factory accessories:** - charger - hand strap **Sensors:** - triaxial gravity
Battery:	3.7V; 3800mAh + 150mAh Li-Ion
Working time on battery:	8h
Fast battery replacement ability:	Yes
HotSwap battery:	Yes
LAN:	No
WLAN:	802.11b/g/n
Bluetooth:	Bluetooth 4.0 + EDR
WAN:	4G/WCDMA/CDMA/GSM
GPS:	Built-in + A-GPS,
Camera:	Yes- 5Mpx Auto Focus
In/Out:	micro USB (support OTG), Mirco SD card slot (max.32GB)
Optional accessories:	-----
Docking station connector:	No
VESA standard – holders and mounts support:	-----
COM port:	-----
Magnetic card reader (MSR):	-----
Microchip card reader:	-----
Contrast:	-----
Graphics card:	-----
Chipset:	-----
BIOS:	-----
Casing material:	high quality plastic
Flash Card Reader:	microSD (max. 32GB)
CD/DVD:	-----
Audio:	Built-in Speaker : Microphone

Keyboard:	Numeric (+function keys) + On-Screen
Additional Navigation Devices :	-----
Color:	black
Swivel Hinge:	-----
VGA out:	No
TV Out:	-----
TV Tuner:	-----
Security:	-----
Waterproof:	IP65
Sand and dust:	IP65
Size:	165.6mm x 73mm x 34.4mm- 275g
Fanless casing:	Yes

Product from the Archive - production finished

Smartpeak C500 SP has a specially designed, reinforced structure, adapted to harsh environmental conditions. Similarly, as the equipment produced for the military, meets the requirements of IP65 norm. Thanks to its structure is resistant to dust and water. The device is proper for use in the home and industry.

Processor	Qualcomm MSM8625Q quad-core 1.2GHz
Display	3.7" (800x480) WVGA | LCD | Sunlight readable | IPS ⎪ Capacitive | Gorilla Glass
RAM	1GB
ROM	4GB
Connectors	MicroSD : Micro USB
GPS	GPS | A-GPS
Audio	Speaker : Microphone
Camera	5Mpx Auto Focus
Battery	3800 mAh + 150 mAh Li-Ion 3.7V
Keyboard	Numeric (+function keys) + On-Screen
Environment	Android 4.1 Android 5.1**(option)**
Modules (factory)	4G GSM (GPRS/EDGE) WCDMA (HSDPA) : WiFi : Bluetooth 4.0 : GPS+A-GPS
Dimensions	165.6mm x 73mm x 34.4mm 275g
Resistance	IP65

	1D - MOTROLA: SE955 (LASER)
	1D/2D -MOTROLA SE4500 (CMOS)
Readers NFC	NFC 13.56Mhz ISO14443 A / B i ISO15693
Sensors	Triaxial gravity sensor

Refer to the "Technical Data" overlap - what possibility have subsequent versions of the devices. To gain additional information about the product click on the "Ask about the product" or go to the contact form.

Select a version for yourself

Select a version tailored to your needs. Clicking on the hardware number configurations will redirect you to the product with parameters listed below. At the customer's request can be created configurations which are not available in the offer. Detailed parameters are available in the **"Technical Data"**.

	1D (Laser)	1D (LASER)	1D/2D (CMOS)	NFC	3G	Camera
v.1	✔	–	–	✔	✔	✔
v.2	–	✔	–	✔	✔	✔
v.3	–	–	✔	✔	✔	✔

go top...

Barcode Scanner

Barcode Reader allows you to read, decode and transfer stored data in barcode to your computer. Thanks to dynamic scanning method and the large range of reading, data collector is capable to carefully collecting data, which helps to increase the rate and efficiency of work. Simplified installation procedure, convenient and intuitive design allow to start scanner work very easy and quickly.

1D	1D / 2D
MINDEO (Laser)	MOTOROLA: SE4500 (CMOS)
MOTOROLA: SE955 (LASER)	

NFC

NFC, or near-field communication, is an easy and intuitive technology that allows you to use your mobile phone for special purposes. An NFC tag can share and link to information such as web pages, social media and all other sorts of other information generally. Other areas where NFC is starting to evolve into are making payments, opening doors secured with contactless locks, logging on to computers and many more. All of these actions have something in common, that is they invoke an action based on you placing your phone (or any other NFC device) near (the N in NFC) the thing you want to read or interact with.

NFC	NFC 13.56Mhz ISO14443 A / B i ISO15693

go top...

Applicable standards

Operating	-20°C -- +60°C
Storage	-40°C -- +80°C
Humidity	0% - 95% RH | non-condensing
Dust	IP6x (dust)
Water	IPx5 (water)
Drop	Multiple drops to concrete 4.5ft./1.2m the entire operation range

IP65 Resistance

IP stands for Ingress Protection and is essentially a rating system developed by the International Electrotechnical Commission or system is now being used to classify different degrees of protection against intrusion or immersion. The IP rating is usually follo digits. The first indicates the level of dust-resistance, the second water resistance. Dust-resistance levels goes from 0 up to 6 v resistance goes from 0 to 8.

No special protection	0		0	No waterproofing
Protection from solid objects greater than 50mm in diameter	1		1	Protection from dripping water
Protection from solid objects greater than 50mm in diameter	2		2	Protection from vertically dripping water (tilted
Protection from object not greater than 2,5mm in diameter	3		3	Protection from sprayed water (tilted up to 60°)
Protection from object not greater than 1mm in diameter	4		4	Protection from splashed water
Complete protection against contact, Protection against dust deposit	5		**5**	Protection from splashed water
Complete protectionm against contact, Protection from infiltration of dust	**6**		6	Protection from water projected from a nozzle

When device is equipped with the WCDMA module, you need only insert a SIM card in the special slot and you are able instantly co...
internet. Integrated software allows you to automatically detect and configure connections to mobile networks. Internal 4G mod...
Smartpeak C500 SP adjusts automatically to transfer and network coverage. Built-in speaker and microphone allows you to make vo...

WiFi	802.11a b/g/n
GPS	GPS, supported A-GPS,
Bluetooth	Bluetooth 4.0 + EDR; Class II
GSM/4G	FDD-LTE: Brand 1/3 GSM/EDGE 850/1900/900/1800 WCDMA 2100/900 CDMA 800/1900
	The ability to make voice calls

READER 1D/2D

SCREEN 3.7"

POWER

SPEAKER

CAMERA

FUNCTION KEY

MICRO USB

KEYBOARD

POWER CONNECTOR

BATTERY

You no longer need to worry about whether you will put your device into a briefcase, backpack or travel bag, the problem disapp when you have C500 SP. The device weighs just 275g and its dimensions (165.6 x 73 x 34.4mm) allow you to take this device Professional performance and energy efficiency makes, that C500 SP is in a group of devices which enjoy great popularity in th market in the industrial segment.

73mm

34.4mm

165,6 mm

Dimensions	165.6 × 73 × 34.4mm
Weight	275g

Quick change battery

Friendly design allows for fast replacement of the battery. This is useful when you working in the field with difficult conditions, where there is no additional power sources and the time is very important.

In addition, the use of hot-swap function known from mobile phones. Allows you to quickly connect additional battery without shutting down the operating system. So when you replace the battery will not lose valuable data.

more photos in the "**Photo Gallery**" ...

specification of this version is available in the "Technical data" ...