



### Key Features

CPU: 460MHz  
 ROM 256MB, RAM 128MB  
 PDA GPS SiRF III star  
 CE/ROHS Compliance  
 IP64/WIFI/Bluetooth/RFID/1D  
 reader/GPS/GPRS

### Small and robust

TLF900 PDA terminal is the solution for data processing, and voice communication with windows mobile OS. It supports GPRS / 1D barcode scanner data transmission as well as optional configuration such as 2D barcode scanner ,RFID, GPS, Bluetooth, IrDA. It is just a bit larger than a regular mobile phone and weighs only 250 gr. But can be equipped with a state of the art 2D barcode reader, RFID reader, Bluetooth module, or even with a SiRF III star GPS module to track any movement of the device. All the above in a very robust but small and convenient casing, because the term “field workers” is saying enough about the environment the devices should be able to cope in. The TLF 900 is fully rugged, and all necessary openings (e.g. for battery and SIM card) are closed with a rubber in order to keep water and dust outside. The TLF 900 is not only IP-64, but also robust in the sense of 5ft drop protection while in operation.

### Configurable

TLF is importing the TLF 900 and is

therefore able to configure the devices to the customer needs. Any combination of Data capture modules can be configured. The standard 1D barcode reader (Symbol SE955) can even be replaced by a very advanced Honeywell 2D barcode module that is even supporting RFID.

### Best in class communication

The TLF 900 is having state of the art communication possibilities to be used, it supports voice communication over different bands (850/900/1800/1900MHz), and data communication over Wi-Fi 802/11 b/g, Bluetooth (V2.0), GPRS/EDGE. So the “field workers” are always within your reach, ready to communicate and synchronize.

### End To End

TLF can provide end-to-end solution that are fully tailored to your needs over your whole supply chain. As TLF and it’s hardware suppliers are focused on your needs, devices can be tailored to the needs of the end-user.

### Short Time-to-Market

TLF’s Logistic Mobile Solution can be quickly implemented in your organization using our standardized methodology, the seamless integration with FMS and APS and hardware availability.

### ABOUT THE LOGIC FACTORY

The Logic Factory specializes in developing advanced software solutions for customers in various industries such as logistics, maritime, manufacturing, and government. The Logic Factory employees are among the industry's top minds as we believe that the best solutions can only be provided by the best people. The privately owned company, established in 2007, has its headquarters in the Netherlands and an advanced development center in Ahmedabad, India.

### What can we do for you?

Our prime focus in all our projects is on customer satisfaction and quality solutions. We provide optimized solution for your business, no matter whether it is about reducing resources, or increasing your revenue streams, and no matter in what industry you are in. We do not start any project before we mutually with you have the understanding that there is a solid business case for the project. So The Logic Factory is having very extensive knowledge in the area of solving logistic challenges. We are not only supplying you with the software solution, but we are capable and able to fully understand your business due to the years of experience we have in your domain.

#### Basic Configuration

Operating System	Microsoft Windows Mobile 6.1
CPU	ARM9 460/533 MHZ
MEMORY	256MB Flash ROM + 128MB SDRAM
EXTENDED MEMORY CARD	T-FLASH micro-SD 1~32GB
Battery	3.7V 2000mAH Li-on Rechargeable Battery
AC Charger	BatteryOUT: DC5V, 500mA Input: AC100~240V 50~60Hz
Working Time	>300hours(standby)
Alarm	Loudspeaker/Vibrator/ 3 colors LED
DISPLAY	2.8" TFT QVGA(240X320) Touchscreen
LED	3 Colors RGB
KEYBOARD	SideKeys + Power + Keypad Numeric 25 keys
Camera	2.0Mega Pixels 147 x 69 x 24.7mm
Size& Weight	260g(based on functions and accessories)

#### Operating Environment

Operation Temp.	-10°C ~ 50°C
Storage Temp.	-20°C ~ 60°C
RH	5 ~ 95% (non condensing)
ESD	+/-15kV Airdischarge +/-8kV Contact discharge Many 1.5m ( 5ft )fell down to the cement concrete ( each side ) 2000 times and roll (50cm) Waterproof & Dustproof IP-64
Industrial Protective	

#### Development Environment

Software	Windows Mobile SDK
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#### Data Capture Specifications

##### 1D Barcode scanner

Resolution	>4mil
Lighting	sun light 7,0000lux artificial light 420lux
Depth of Field	7-9.5cm(5.2mil)7.5-30cm(19.5mil)
Reading Speed	92~116 times/second
UPC ICR	Support ICR(Intelligent Character Recognition)
Reading Angle	54± 3°
Laser Power	Class 2
Operation Current	<150 mA @3.3V
Decoding	All standard 1D inc. GS1 Databa
RFID reader	13.56Mhz ISO/IEC 14443A/B Mifare 1

##### 2D Barcode Scanner (Optional)

Sensor	752X480 CMOS Sensor
Movement Tolerance	4"/second
Rotational Sensitivity	360°
Visual Angel lighting Adaptability	±40° 100k lux
Aiming Line	Laser 650nm±10nm High Visibility LED Aimer) PDF417,MICRO PDF417,Maxicode,DataMat rix,QR Code,Aztec,Aztec Mesa,Code49,UCC Composite,etc
Decoding	

##### WIRELESS Data and Voice Communication

Voice Communication	900/1800MHZ 850/900/1800/1900MHZ(optional)
WAN	GPRS/EDGE or CDMA 2000 1X
WPAN	Bluetooth V2.0 + EDR
WLAN	Wi-Fi 802.11 b/g

##### GPS(Optional) SIRF III Star