

TETRA *light xxs*®

EXTREMELY RUGGED TABLETS DEVELOPED FOR
MISSION CRITICAL SITUATIONS.

- Intel Core 2 Duo 1.66GHz Ultra Low Voltage
- Customization or expansion space for greater flexibility
- 12.1" TFT LCD XGA Resistive and Anti reflective display
- Removable 2.5" 160GB SATA HDD Shock-mounted
- NVG filter for night vision *
- Compliant IP54 & MIL STD 810F & MIL STD 461E*
- Operating at up to -30°C (-22°F) with heater system *
- Wireless LAN * ; GPS* ; Bluetooth* ; 3G* ; Optical LAN *
- Rain, dust, vibration & shock resistant design
- Multiple Communication interface & Accessories
- Integrated DC Adapter 12~32VDC

*Optional



■ TETRA *light xxs*® 12.1"

Customizable COTS design allows for Easy Modifications and Customizations.

Its lightness, its various military options and the power that it offers you makes it the real tool for mobile applications in the field.

IP54, MIL-STD-810F and MIL-STD-461E certified the TETRALight XXS is the PC tablet for harsh conditions..

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TETRA *light xxs*

■ Specification

CPU Intel Core 2 Duo ULV 2x 1.66GHz
 L2 CACHE 2MB L2
 MEMORY 1GB up to 3GB DDR2 667MHz DRAM
 HDD Removable 2.5" SATA HDD 160 GB upgradeable

Optional : HDD 250GB
 Flash HDD 8/16/32GB SSD
 External FDD - USB interface
 External CD-ROM/RW or DVD/RW - USB interface
 VGA 32 Bit 3D/2D GFX
 VIDEO MEMORY 224 MB of Shared RAM.
 AUDIO AC97 audio support with stereo speakers

■ Interfaces

PCMCIA 1 x PCMCIA Type II or 1 x Express card
 Optional: CANBUS
 I/O PORTS 2 x USB 2.0 ; 1x Gigabit LAN
 1 x DC Jack (standard or MIL connectors)
 1 x Serial DB9 (RS232/RS422/RS485)
 1 x Battery port for optional 2nd batt. ; 1 x Docking
 Optional: Docklight port replicator

■ Display

12.1" TFT LCD XGA (1024 x 768) High brightness
 Resistive Touchscreen
 Optional: NVG filter (Night Vision)
 Camera module

■ Control panel buttons

Power on/off ; Brightness control ; Battery indicator
 Brightness control, Landscape/portrait mode,
 F1 to F6 & Fn free programmable Function keys
 Optional: joystick

■ Communication

Optional: WLAN 802.11 b/g
 Fiber optical LAN
 GPS / 3G (UMTS) / Bluetooth 2.0/ Fax Modem /

■ Port replicator

Optional: Attached to the tablet or the vehicle/office stand units
 IP54 Et MIL-STD-810F
 Additional connectors on demand
 optional MIL connectors
 I/O PORTS 2x RS232 (1x RS232 & 1x RS422 ou 1x RS232 & 1x RS 485)
 1x VGA ; 2x USB sealed ; 2x USB standard ;
 1x DC input ; Gigabit LAN (optional) ; Modem ;
 1x Line in ; 1x stereo speaker out

■ Power & Supply

BATTERY Swappable 11.1V / 4400 mAh Li-Ion battery
 Built-in vehicle DC adapter 12 ~ 32 VDC
 Optional: 2nd Li-Ion Battery 6600 mAh (Hot Swap)

■ Dimensions

270 mm (w) x 210 mm (h) x 41 mm (d)
 Weight : 2.5 Kg

CUSTOMIZATION

Logic instrument R&D and integration department design mechanical and electronic adaptation that fit your particular needs.

--> contact us for further informations



■ Docklight with MIL connectors (optional)



Environmental Specification MIL-STD810F / EMI / RFI		
	operating	storage
Temperature	MIL-STD-810F, Method 501.4 / 502.4 Procedure I / II	
	-20°C to +50°C (-4°F to +122°F) Optional -30°C (-22°F)	-40°C to +70°C (-40°F to +158°F)
Temperature shock	N/A	-20°C ~ +60°C (-4°F ~ +140°F)
Humidity	MIL-STD-810F, Methode 507.4 Procedure I	
	N/A	95% RH, non-condensing
Rain	MIL-STD-810F, Method 506.4 Procedure I	
	N/A	276 kPa, 0.5 - 4.5mm diameter
Altitude	MIL-STD-810F, Method 500.4 Procedure I et II	
	4 600 m (15000 ft)	12 200 m (40000ft)
Altitude change rate: 2,000ft/min		
Shock	MIL-STD-810F, Method 516.5 Procedure I	
	40g, 11ms, 1/2 sinus	N/A
Vibration	MIL-STD-810F, Method 514.3 Category 1/ 514.5 Category 14, 20 , procedure I	
	Tracked Vehicle Vibration Helicopter Vibration OH58A/C Comp. Wheeled Vehicle Vibration	M548 Tracked Vehicle Vibration Helicopter Vibration OH58A/C Comp. Wheeled Vehicle Vibration
Salt Fog	MIL-STD-810F, Method 509.4 Procedure I	
	N/A	5% to 35°C
IEC IP Standard	IP54	
Optional : MIL-STD-461E (Ground Navy Et Air Force)		



Feel free to contact us for further informations or connect to www.tetra-computer.com

* Specification subject to change without notice.
 TETRA computer is a brand name of Logic instrument SA.