

Frontier ULV-i



[Product Concept]

Frontier ULV-i is customer driven, and resolves the severe yet common failure of a POS system-thermal failure. The fan-less system is an ideal solution to satisfy today's diverse market.

- ✓ No Noise (1GHz)
- ✓ Low Power Consumption (easy maintenance & service)
- ✓ Saving Cost of Ownership
- ✓ Design Concept
 - ✓ Compact size POS
 - ✓ Water spill proof/Dust Proof
 - ✓ Dust free on ventilation vents
- ✓ Green Product with RoHS compliant

[Frontier ULV-i - Pro / Lite]

Frontier ULV-i Pro - Slim Base





- ✓ Powerful expansion capability
- ✓ Dual display for advertising



Frontier ULV-i Lite - Ultra Slim Base

Counter space-saver

[Frontier ULV-i - Pro / Lite]

Model	Frontier ULV-i (1.0)		Frontier ULV-i (2.0)	
	Lite	Pro	Lite	Pro
CPU	VIA Eden 1.0GHz (Fan-less)		VIA C7 2.0GHz (low RPM fan)	
Core	VIA CN700			
Storage	2.5" x 1 / CF card	2.5" or 3.5" x 1 / CF card	2.5" x 1 / CF Card	2.5" or 3.5" x 1 / CF Card
Serial Port	3 ports 1 for Touch (onboard) 2 for DB-9	6 ports 1 for Touch (onboard) 1 for Pole display 1 for Cash drawer 4 DB-9 (1 share with cash drawer)	3 ports 1 for Touch (onboard) 2 for DB-9	6 ports 1 for Touch (onboard) 1 for Pole display 1 for Cash drawer 4 DB-9(1 share with cash drawer)
USB Port	5 ports 1 onboard 1 for MSR / FIMSK 3 for peripheral extension	7 ports 1 onboard 1 for MSR / FIMSK 3* Standard USB 1*12V Powered USB 1*24V Powered USB	5 ports 1 onboard 1 for MSR / FIMSK 3 for peripheral extension	7 ports 1 onboard 1 for MSR / FIMSK 3* Standard USB 1*12V Powered USB 1*24V Powered USB
DC Output for Peripherals	None	DC 12V & DC 24V Plug	None	DC 12V & DC 24V Plug
Appearances				

[Product Concept]

No Noise	Without moving part such as fan, the Frontier ULV-i is tailored made for the noise-intolerant environment, such as Hospitals, Pharmacy, Museum and SPA resorts etc
Low power consumption	Along with the current technology trend- Low voltage unit (ULV-i) design. The new architecture- embedded unique chip set and CPU provides the power saving function to render low energy consumption systems.
Saving cost of ownership	Modular Design to benefit the owners in (a) cost effectiveness, (b) customization flexibility, and (c) easy and quick maintenance.
Compact size	Most slim bezel in the POS Industry Standard--24mm, a sturdy and space saving system enables more counter space and yields a variety of peripheral options, hence higher flexibility and utilization rate.
Attractive appearance	Unlike the typical robust-looking systems, the Frontier ULV-i's delicate appearance blends in with the user environment.
Dust/water spill proof	IP43 Frontier ULV-i series can operate safely in all kinds of harsh environments including gas stations, pubs, kitchens, and other settings. For fan-less solutions, the dust will not accumulate at the vents
WEPOS/XPE solution	Solution is recommended to be bundled with embedded solution for high performance and other add-on values
Environment protection	Meet the International Environmental Regulation Requirements- RoHS.

[Long-term Benefit]

- ✓ Service Quality Increase- A soundless POS would elevate the entire service quality of the shop/institute.
- ✓ Higher stability/ longer overall system MTBF.
- ✓ Low Power Consumption: Frontier's ULV-i design reduce the potential environment damage and provide cost effectiveness.
- ✓ Company image enhancement: Environment Conscious. With a RoHS compliant product, a firm recognize the values in environment responsibility.

[Frontier ULV-i]

Lite

Pro



- LCD monitor with wide angle of adjustment. (0~90 degrees)
- Spill Proof design IP43 Standard

[Frontier ULV-i - Display Option]

Wall Mount capability-
Lite and Pro Version

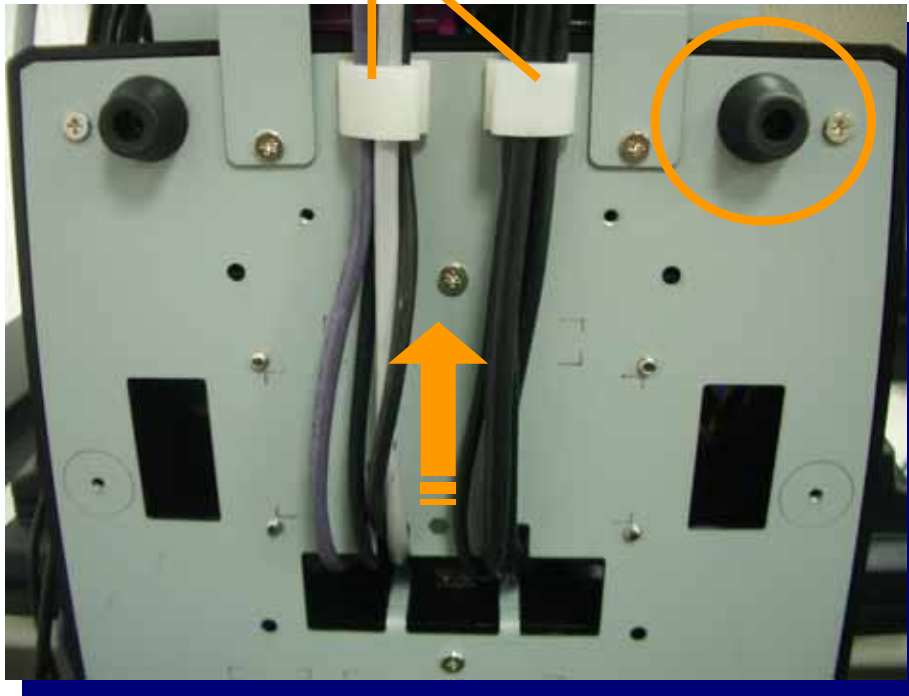


Dual Display-Pro Version Only



[Frontier ULV-i - Cable Management]

Cable clip designed to secure cables



Rubber foot design for skid-proof.



Hole underneath the base for robust cable management

[Functions - System Structure]

Lite

Pro

- Upper I/O Ports



**COM 1 (DB9) /
Extra COM 3**

**USB
Port x 2**

LAN Port

Line OUT

2nd VGA Port

K/B, M/S Port

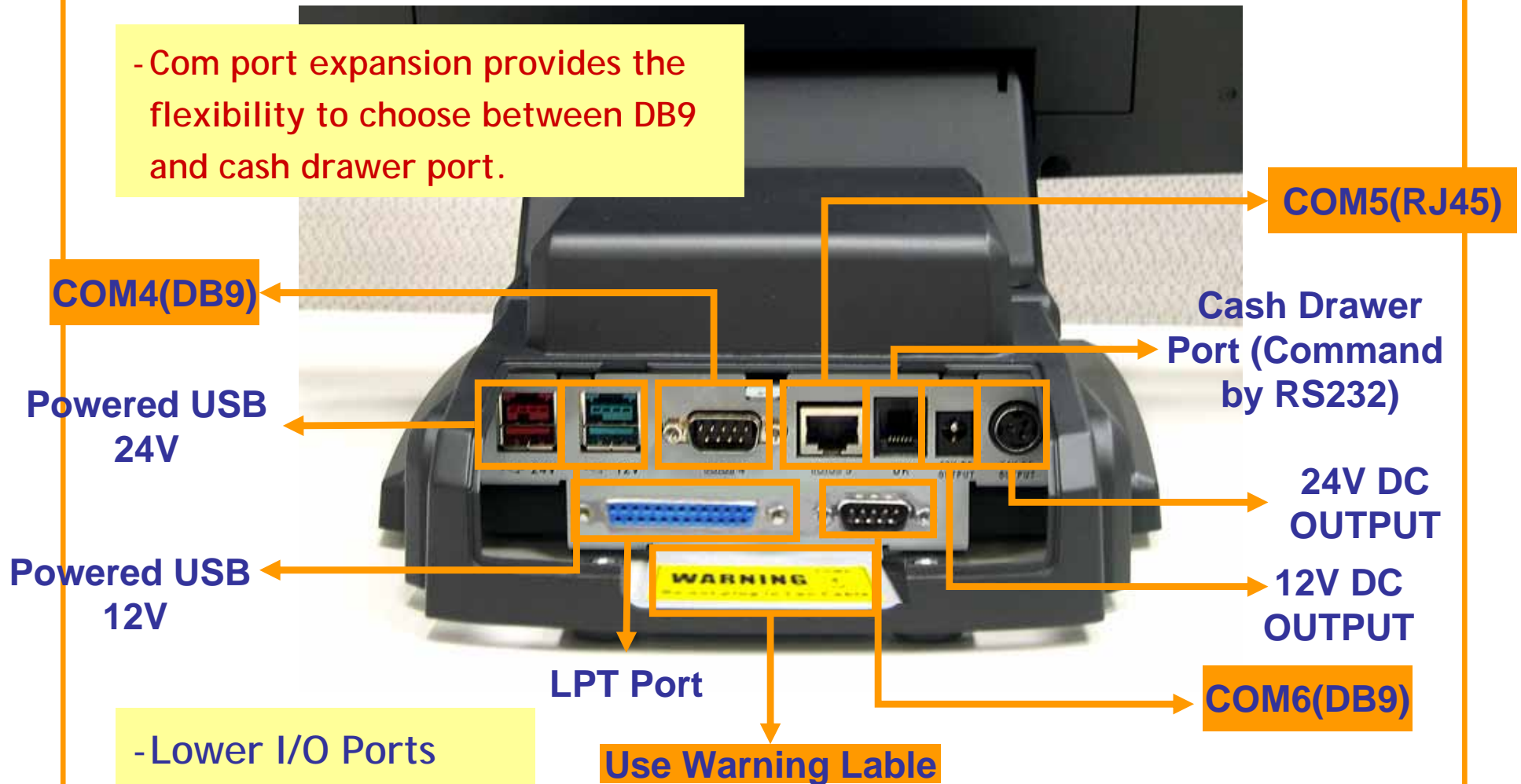
**24V DC
INPUT**

CF CARD

[Functions - System Structure]

Pro

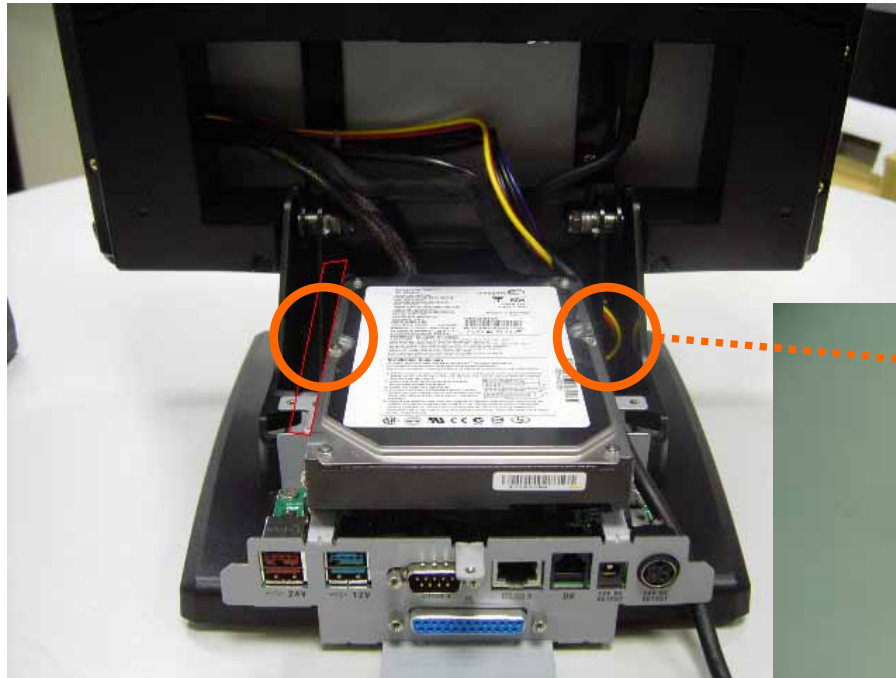
- Com port expansion provides the flexibility to choose between DB9 and cash drawer port.



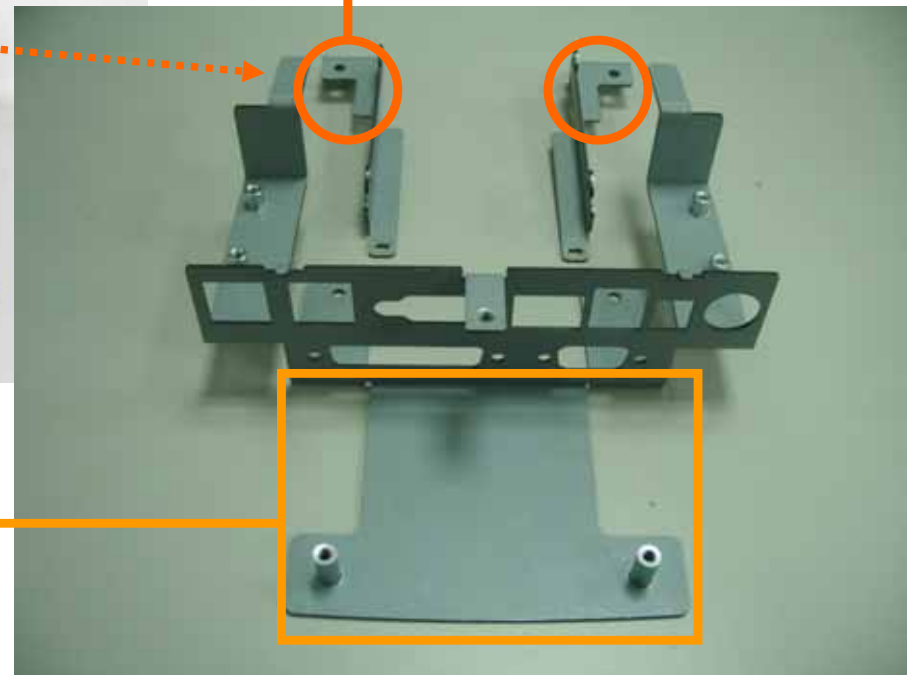
- Lower I/O Ports

[Functions - System Structure]

Pro



Screw hold alignment has improved

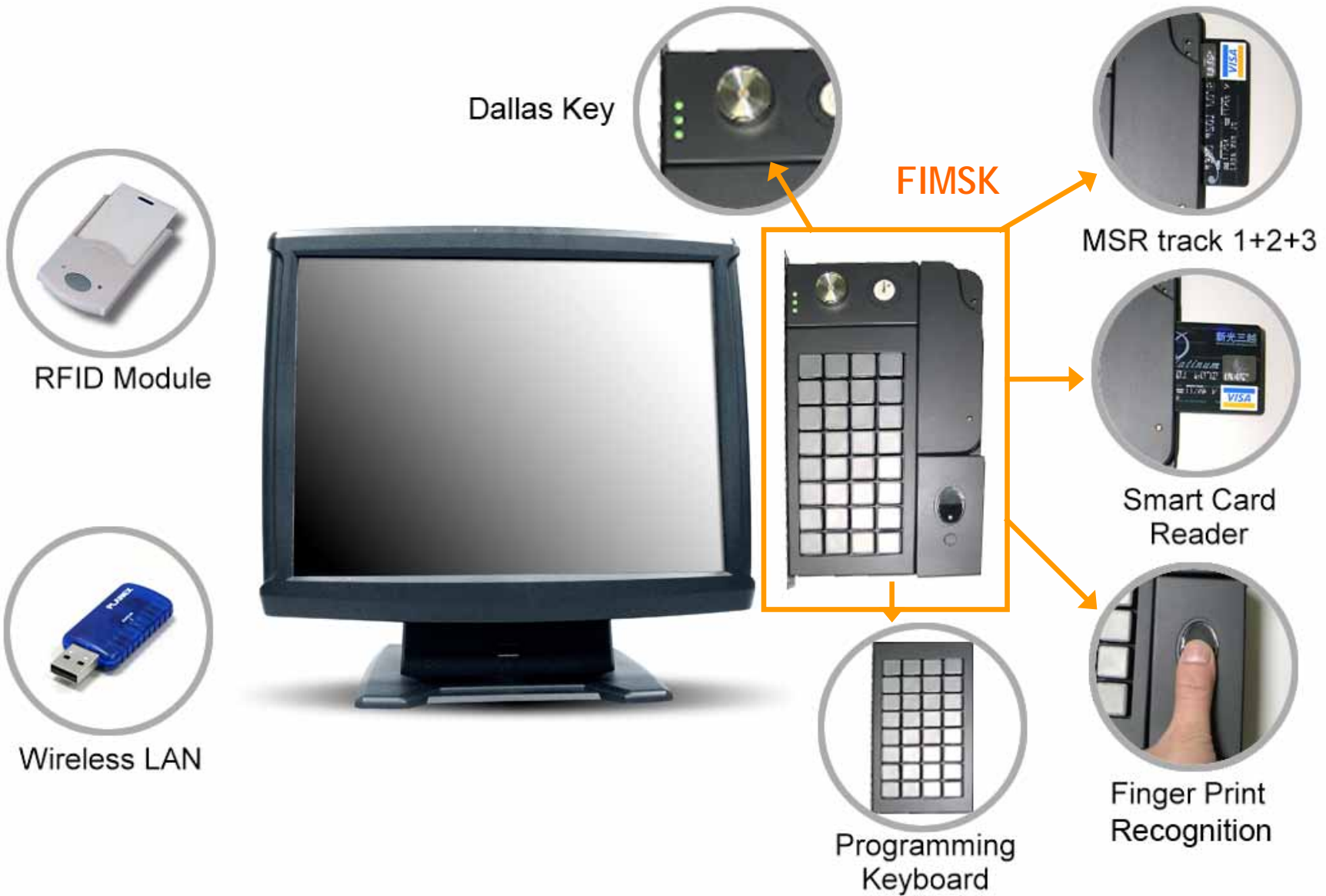


-Metal base frame solidity has improved to prevent from bending the frame.

[Peripheral Options]



[Peripheral Options]



[Application]

- Retail / Hospitality / Betting & Entertainment / Service Industry
Hotel / Supermarket / Casino / Theme Park / Art Gallery / Clinics

[Compatible Operating System]

- Windows 95 / 98 / 2000 / XP / NT / XP /
- Embedded / WEPOS / DOS / Linux

[Other Features]

- Modular IC design for Easy Maintenance
- Secondary LCD Display for advertisement
- 24 mm Slim Front Bezel
- USB 2.0 connector for various USB devices
- Function boards are modularized to create most efficiency.
- Wall mount capability
- Resistive or capacitive touch panel option
- Fan-less Design solely for 1GHz processor