






CALLISTO SERIES

Multimedia Display for Vending Machines



Designed for

-  Value Added Services
-  Selective Marketing
-  User Group Oriented Appliance
-  Replacement for Segment Displays
-  Compatible with Vending Machines









CALLISTO is designed as multimedia front end for vending machines. The embedded system meets industrial standards and is equipped with a 10.4" VGA colour TFT (touch) screen. It opens new dimensions for (interactive) consumer information systems in shops or vending machines.

The high graphics power allows flexible user interfaces and sophisticated marketing campaigns to increase the attractiveness and acceptance of POS systems. Marketing can be localized to the machine's environment, the customer structure, etc.

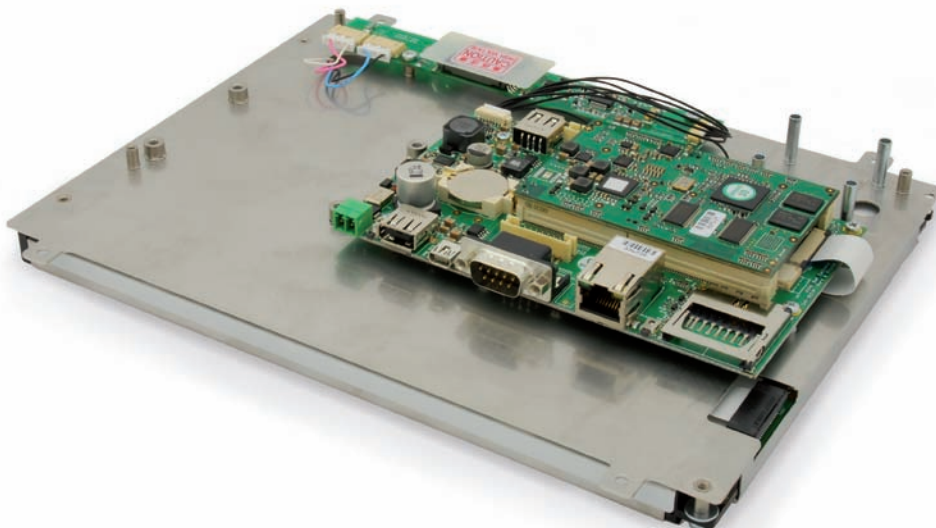
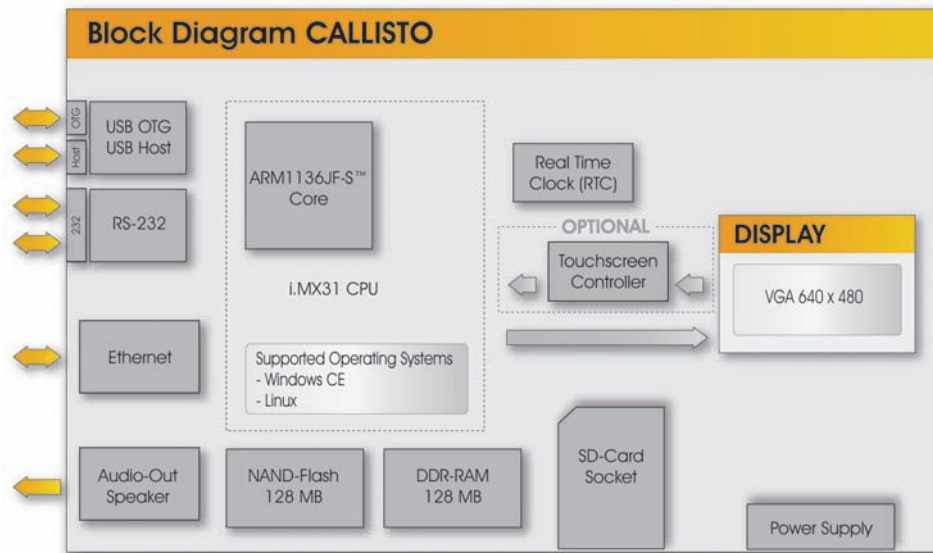
CALLISTO is compatible to the Garz & Fricke vending machine controllers and telemetry components. There are upgrade packages available for vending machines as well as OEM kits.

Key Features

-  Freescale i.MX31L 532 MHz ARM1136JF-S core with VFPU
-  128 MB DDR-RAM / 128 MB NAND-Flash / SD Card Slot
-  10.4" VGA TFT (Touch Screen Option)
-  2x Hi-Speed USB 2.0 Host/OTG, 1x RS-232, 1x Ethernet 100 Mbit/s
-  Speaker (Option)
-  Windows Embedded CE and Linux supported

Freescale i.MX31L CPU	
Type	Freescale i.MX31L ARM1136JF-S
Frequency	532 MHz
Memory	128 MB DDR-RAM (max. 256 MB) 128 MB NAND Flash (max. 1 GB)
Software	
Supported OS	Windows CE, Linux
Display (Touch Screen Option)	
Size	10.4"
Resolution	640 x 480 Pixel (VGA)
Viewing Angles	140° Horizontal 120° Vertical
Colours	16-bit (65,536 colours)
Brightness	ca. 450 cd/m ² CCFL backlight
Touchscreen Option	4-wire resistive or SAW
System Components	
RTC	Battery buffered real time clock

Interfaces	
Network	100 Mbit/s Ethernet
USB	1x USB 2.0 Host (480 Mbit/s) 1x USB 2.0 OTG (480 Mbit/s)
Serial Interface	1x RS232 (D-Sub9)
Storage Card Slot	SD (push-push)
Audio	1x Speaker (Option) 1 Watt RMS (8Ω), 16-bit 48kHz
Power Supply	
Operating Voltage	9 ~ 30 V DC, typ. 700 mA @ 12 V
Environmental Conditions	
Operating Temp.	0° ~ +50° C (ext. upon request)
Relative Humidity	5° ~ 90 % (non condensating)
Dimensions	
W x H x D mm	244 x 197 x 36 mm
Weight	Approx. 445 g
Order Codes	
10090	CALLISTO



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