



ITH® (Intelligent Ticket Handling)

- Makes Ticket Available ONLY after Fully Printed Internally & Automatically Burst

IntelligentBezel™ System

- Paper Jam Reduction via Blocked Bezel Detection

Award-Winning Printer

- Most Decorated Printer in Gaming

Superior Electro-Mechanical Design

- High Reliability and Easy Maintenance

ProColor™ Printing

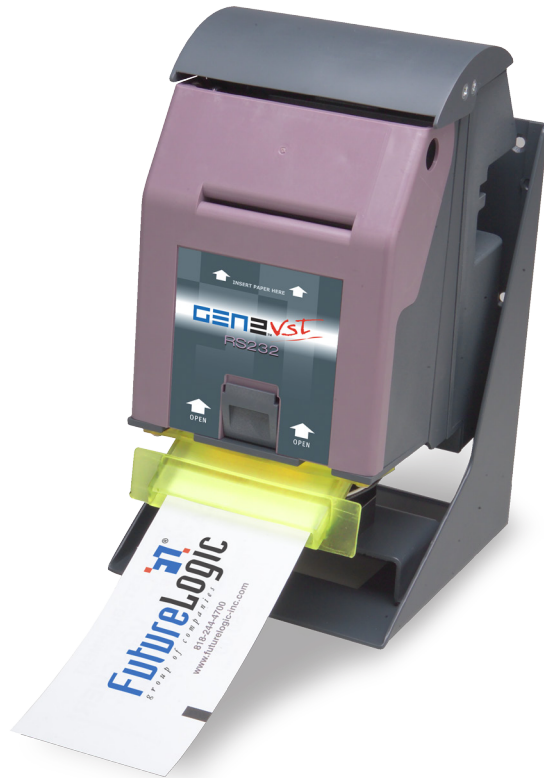
- Readily Available 2-Color Printing Technology

Expanded Graphics Memory

- Stores Hundreds of Clip Art Objects and Thousands of Graphic Templates

Hot Swappable

- Printer Removal Without Powering Down



The vertical configuration of the GEN2 VST® TITO printer is compact and is specifically designed for space-saving slim-top gaming machines. Like the GEN2™ printer, the GEN2 VST printer offers improvements such as ITH® (Intelligent Ticket Handling) technology, IntelligentBezel™ system, ProColor™ printing, and more.

The ITH technology sets the printer apart from competing TITO printers by making the “cashout ticket” available ONLY after the ticket is fully printed internally and automatically burst. To improve the printer’s reliability further,

the IntelligentBezel feature detects for obstruction near the bezel and reduces paper jams, by waiting for a clear path before a ticket is ejected.

In addition to the game port (RS232 or NetPlex), a separate port is provided for convenient firmware upgrades without the need to remove the printer from the slot machine.

General

Dimensions (WxDxH)	130mm x 159mm x 229mm
Weight	5 lbs.
Power Requirements	24Vdc @ 2.7A
Sensors	Paper Low, Paper Out, Printer Drawer Open, Ticket Taken, Ticket Jam, Ticket in Chute, Black Mark (Includes a Host Controllable Buzzer)
Printing Speed	90mm/Second (3.5"/Second)
Print and Present	2.2 Seconds
Printing Width	62mm (true near-edge printing)
Storage	200 Tickets
Resolution	8 dots/mm (203 dpi)
Firmware	Application in Memory is Reprogrammable (via Flash BIOS)
Self Test	Yes
Page Mode	Full Page Mode Printing (Simultaneous 4 Orientation Printing: 0°, 90°, 180°, 270°) Line and Box Draw Printer Resident Bitmap Graphics Printer Resident (Stored in Flash) Graphics
Paper Loading	Manual
Paper Feed	Automatic
Media	Direct Thermal, Top Coated, Fanfolded and Perforated
Paper Specification	66mm W x 156mm L 4.5 mil, 1 Color/2 Colors
Bezel Control	Two High Current Ticket Printing Bezel Control
User Interface	4 LED Indicators, Paper Advance Button
Upgrade Port	Allows for Printer Upgrades via Main Interface or RS232 Side Port
Hot Swappable	100%

Printing Resources

Template Capacity	4Mb; Stores Hundreds of Clip Art Objects & Thousands of Graphic Templates
Graphic Storage	4Mb
Color Printing	Red on Black and Blue on Black are Available. Other Colors can be Supported as the Print Media Becomes Available. Color Selection is Controlled Through the TCL™ Language.

Characteristics

Printer Languages	TCL Printer Language (Page Description Language) Subset of ESCP2
Fonts	4 (5.5 cpi, 7.5 cpi, 10 cpi, 20 cpi)
Font Scalability	May Be Independently Scaled from 1x – 7x in Both Height and Width
Bar codes	Interleaved 2 of 5, Code 39, UPC-A, UPC-E, UPC-E+2, UPC-E+5, Codabar, EAN-13, EAN-8, Code 128, MSI
Memory	1MB with 128K RAM

Interface

Communications	Bi-directional RS232C, Full Handshaking Set Netplex
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Environmental

Operating Temperature	0°C to 65°C
Storage Temperature	-20°C to 75°C
Operating Humidity	5 to 85% RH non-condensing

Reliability

Maintenance	Annual Print Head Cleaning Required
Print Head Life	50km Minimum (328,000 Tickets Based on US Currency Size)
Certifications	ISO 9001, CE Certified, RoHS, UL



Contact Information:

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This document describes product functions and technology that may not be available in a particular gaming jurisdiction, and would therefore not be available for sale and not approved for use at this time. Please contact your local sales representative for information concerning what features are available in your jurisdiction. All mentions of "voucher" or "vouchers" in this document refer to "Slot Machine Payout Receipt" or "Slot Machine Wagering Voucher" and all mentions of "coupon" or "coupons" in this document refer to "Slot Machine Coupon" according to **Technical Standards for Gaming and Online Slot Machines (Rev 03/06)**.

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