PROVEN. RELIABLE. UNIVERSAL.

GEN2 *Universal* ™

BASED ON THE GEN2 PLATFORM, the GEN2 Universal printer provides proven performance and reliability with over 1,500,000 GEN based printers around the world satisfying customers. The GEN2 Universal printer is compatible with new and existing gaming platforms as well as server-based and USB gaming machines. The award-winning GEN2 Universal printer is the most decorated printer in gaming and its superior electro-mechanical design guarantees high reliability and easy maintenance.

FEATURES

- Universal Communication – RS223, NetPlex, USB 2.0
- Intelligent Ticket Handling
- Large Paper Capacity – 50% more STANDARD ticket capacity
- IntelligentBezel™ System
- ProColor™ Printing capability
- Expanded Graphic Memory

BENEFITS

- Supports ALL new and legacy games
- Tickets are ONLY available after FULLY printed internally and automatically burst
- Using larger paper stacks provides higher savings on paper annually
- Reduces paper jams with Blocked Bezel Detection so game is taken offline until bezel is cleared eliminating customer dissatisfaction
- Provides support for readily available 2-color printing technology
- Allows for storing hundreds of Clip Art Objects and thousands of Graphic Templates to support a wide range of printing needs

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GEN2 Universal™

GENERAL

Dimensions (WxDxH)	110mm x 304.8mm x 64.3mm
Weight	2.7 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	300 tickets
Ticket tray extenders	Interchangeable, 600, 900 ticket tray
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 ports
User interface	4 LED indicators, paper advance button
Upgrade port	Allows for printer upgrades via USB download port or RS232C main 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	8 (2.5 cpi, 3.3 cpi, 4.0 cpi, 5.5 cpi, 5.6 cpi, 7.3 cpi, 10.1 cpi, 20.5 cpi)
Font scalability	May be independently scaled from 1x – 7x in both height and width
Bar codes	PDF-417, 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	2MB with 512K RAM

INTERFACE

Communications	USB 2.0 game interface (full speed of 12Mbps) with separate USB download port, future GSA compliant, compliant with GSA GDS, IGT USB and traditional communication protocols RS232C and Netplex

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	100km min. (656,000 tickets based on US currency size)
Certifications	ISO 9001, CE certified, RoHS, UL

ISO 9001   CE   RoHS   UL

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www.jcmglobal.com

THE AMERICAS	ASIA-PACIFIC	EMEA
All Regions: +1.702.651.0000	Japan: +81.3.5962.3731	Germany: +49.211.5306.4550
U.S. Toll Free : 1.800.683.7248	Australia: +61.2.9648.0811	UK: +44.1908.377331
	China: +86.21.6093.7605	
	HK/Macau: +852.2429.7187	