Scientific Games' high-performance intelligent lottery terminal

Designing a world-class lottery terminal
The WAVE is Scientific Games' high-performance lottery terminal designed to excel in today's gaming environments worldwide. Designed in conjunction with NCR Corporation's Human Factors Engineering Consultants as well as world-renowned industrial design company Frog Design, the WAVE terminal combines a sleek and modern appearance with ergonomic component placement to maximize ease of use. The current generation WAVE has been engineered using the latest electronics component technology including an available dual-core processor, providing the processing power and multimedia capability to support the lotteries well into the future.

Touchscreen operator display
WAVE features a large, bright, crystal clear 12.1” LCD touchscreen display. For maximum retailer acceptance, the WAVE was designed with a touchscreen that offers 65° of tilt adjustment. The display offers exceptional viewing angles and can be easily viewed in a variety of lighting conditions. Because every customer is different, we offer two touchscreen technologies: Surface Acoustic WAVE (SAW) and 5-Wire Resistive. Both are widely used in point of sale environments and are praised for their durability, accuracy, and reliability.

High-speed thermal printer
The WAVE thermal printer offers the ultimate in ease of use and flexibility for the retail environment. We've made paper changing easier than ever – simply open the clamshell cover, pull out the old roll, drop in a new 7” roll, and close the cover. The WAVE printer can be located on either side of the terminal, allowing the WAVE to more easily fit into the retailer’s space. The WAVE printer features quiet operation and high-speed thermal printing of graphics, images, text, and grade A barcodes. Up to 100 tickets will stack at the front of the printer where they can be easily gathered by the retailer.
**WAVE™ Retail Terminal**

**Wireless freedom**
The wireless barcode reader, available exclusively on the WAVE terminal, gives retailers multiple scanning options for maximum flexibility. The barcode reader docks at the front of the printer providing an ergonomic fixed scanning location. When removed, it can process scans up to 100 feet from the terminal. Retailers praise the flexibility the wireless barcode reader offers when activating instant ticket packs, performing shift accounting inventory scans, or validating instant tickets held by customers.

**Document scanning made easy**
The WAVE is designed to make all retailer interactions as easy and fast as possible. This is why the WAVE uses a high-speed document scanner that scans over 40 playslips per minute and accepts playslips in any 360º orientation. As playslips are scanned they are stacked in the document tray, which will stack up to 30 playslips. By simplifying the selling process, retailers can focus on their most important task – satisfying the customer. The document scanner is also used to scan and validate draw game tickets, and with the optional thermal brander tickets are branded as they are validated.

**Support for peripherals today and the future**
Today’s terminals must support the numerous peripherals that support lottery marketing, advertising, and player interaction initiatives. WAVE offers five open USB 2.0 port and two open powered serial ports, as well available ports for an external video display, cash drawer, and external speakers.

**Multi-level security for peace of mind**
The WAVE features physical, logical, and motion based security measures to prevent unauthorized access to the terminal. For starters, the WAVE features a locking rear cover that restricts access to internal electronics and all port connections. An electronic intrusion switch tracks all internal access, even when power is removed. As an additional level of security, all ports are logically secured and will not recognize unknown peripherals and devices. The WAVE also features a patent pending monitoring device that tracks movement of the terminal while the power is removed.

**Return to selling faster**
When it comes time to maintain or service a terminal, it’s important that it be done as quickly as possible so the retailer can resume selling. That’s why the WAVE has been engineered with innovative features that make terminal service fast and easy. Thumbscrews are used throughout the terminal on serviceable components, and the only tool in the WAVE repair kit is a #2 Phillips-head screw driver. Wired connectors not only slow the service process, but also act as failure points – which is why the WAVE terminal electronics tray connects to the terminal via a 164-pin PCI connector. Unlock the terminal, lift off the rear cover, remove two thumbscrews, and the electronics tray slides out for service.

**About us:** Scientific Games Corporation is a global leader in providing customized, end-to-end gaming solutions to lottery and gaming organizations worldwide. Scientific Games’ integrated array of products and services includes instant lottery gaming systems, terminals and services, and internet applications, as well as server-based interactive gaming terminals and associated gaming control systems.

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