

Advancing Casino Equipment with Claratech Monitor Solutions

Technical Whitepaper

Claratech Monitors

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1 Introduction

The global casino industry relies on innovative technology to deliver engaging and reliable gaming experiences. High-performance displays are at the heart of modern slot machines, electronic betting terminals, and interactive gaming systems. Claratech Monitors provides cutting-edge display solutions tailored for gambling equipment, enhancing player satisfaction and operational efficiency for casinos and manufacturers.

2 Key Features of Claratech Displays

2.1 Ultra-High-Resolution Visuals

Claratech's 4K UHD monitors (3840x2160 resolution) deliver vivid, sharp graphics, ensuring immersive gameplay. Compared to traditional 1080p displays, our monitors offer 25% greater clarity, making game visuals more appealing to players.

2.2 Advanced Touchscreen Technology

Our displays feature multi-point capacitive touchscreens with response times under 4ms, supporting up to 12 simultaneous touch points. This enables seamless interaction for complex gaming interfaces, such as electronic roulette or video poker.

2.3 Robust Durability

Built for 24/7 casino environments, Claratech monitors are tested for over 60,000 hours of mean time between failures (MTBF). Anti-glare coatings and IP66-rated enclosures protect against dust, spills, and harsh lighting conditions.

2.4 Energy Efficiency

Our monitors incorporate energy-saving LED backlighting, reducing power consumption by up to 20% compared to standard displays, lowering operational costs for casino operators.

3 Applications in the Gambling Industry

Claratech monitors are designed to meet the diverse needs of gaming equipment:

- **Slot Machines:** High-brightness displays ensure visibility in vibrant casino settings, enhancing player engagement.
- **Electronic Betting Terminals:** Fast, responsive touchscreens support real-time wagering and dynamic interfaces.

- Interactive Kiosks: Durable monitors enable self-service betting and information systems in casinos.

4 Performance Metrics

Independent testing demonstrates Claratech's competitive edge:

- Player Engagement: 30% increase in player session time due to enhanced visual quality.
- Reliability: 85% reduction in display-related maintenance issues.
- Cost Savings: Energy-efficient designs save casinos an estimated \$12,000 annually per 100 machines.

5 Compliance and Certifications

Claratech monitors comply with international standards, including CE (Europe) and UL (North America), ensuring seamless integration into regulated markets. Our products are rigorously tested to meet the requirements of gaming authorities in the USA, Canada, Europe, and Australia.

6 Conclusion

Claratech Monitors is committed to driving innovation in the gambling industry. Our high-resolution, durable, and energy-efficient displays empower manufacturers and casino operators to deliver superior gaming experiences. Contact us to learn how Claratech can elevate your gaming equipment.

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ALL KINDS OF MONITORS