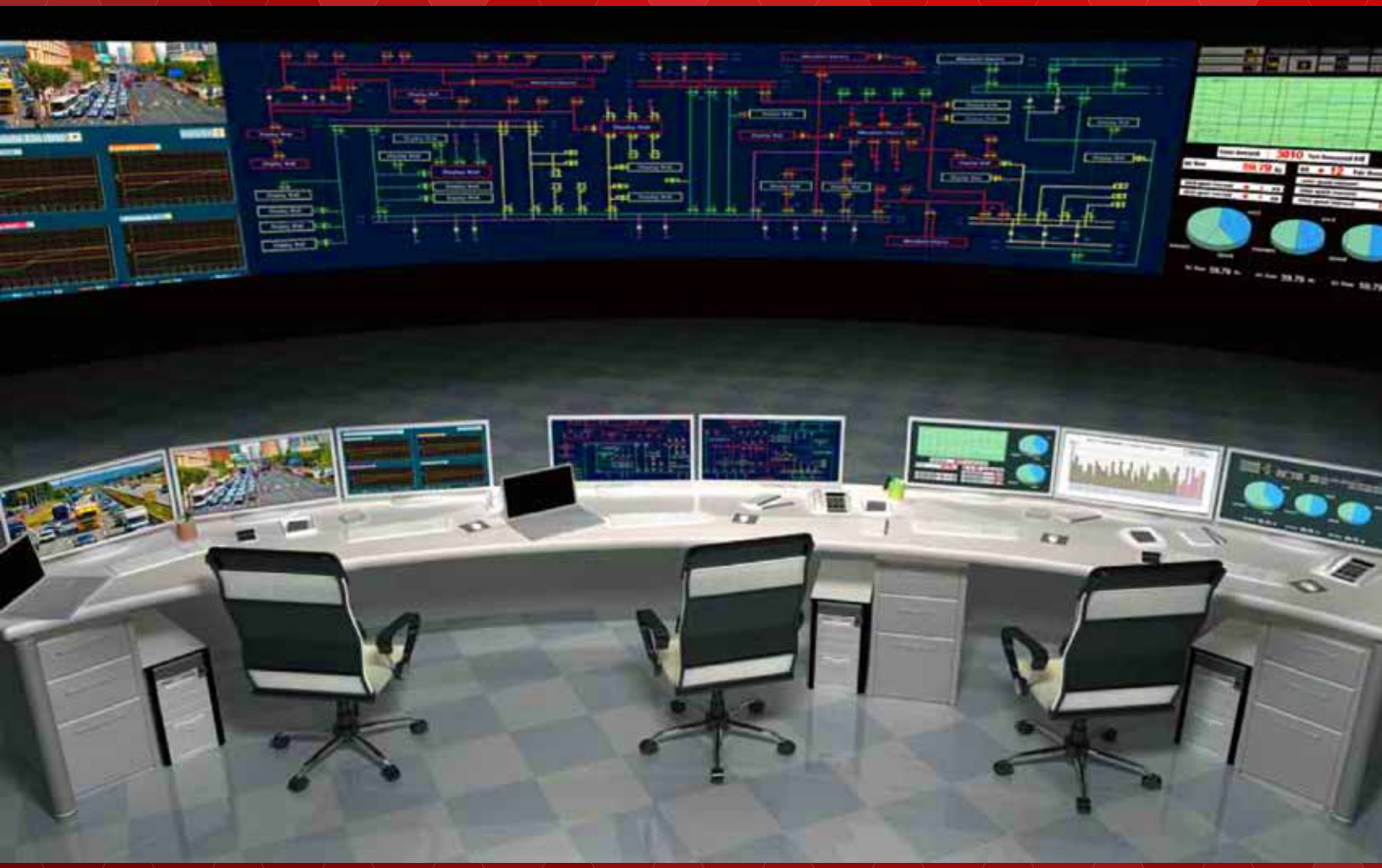
MITSUBISHI ELECTRIC
Changes for the Better

for a greener tomorrow eco Changes

NARROW PIXEL PITCH DIRECT VIEW LED

High Performance LED Display Walls

- Designed and built for continuous operation control rooms
- Best-in-class 16,000:1 contrast ratio
- True 14-bit color depth end-to-end interface video processing
- Superior color performance even in low brightness levels
- Product line-up includes: 0.9, 1.25, 1.5 and 2.0mm pixel pitch LEDs



RELIABLE. FLEXIBLE. SCALABLE.

FEATURES

Enhanced Picture Quality

Seamless Design

The seamless design delivers smooth and uniform images without the vertical and horizontal black lines that show in large screen multi-display walls.

Image with screen gap (LCD)

Image w/o screen gap (LED)

Anti-Burn In

Anti-Burn In feature preserves color uniformity and extends the operational lifetime of the LEDs. Anti-Burn In corrects any display variations and anomalies in luminance and chromaticity caused when displaying an image for long periods of time.

Burn-in

Anti-Burn In

Natural Color Matrix

Mitsubishi Electric unique Natural Color Matrix system is included to enhance picture quality and achieve an exceptionally wide color reproduction range for brilliant displays.

Before

After

Dynamic Gamma

Dynamic gamma management improves the contrast ratio of the content, especially with darker images.

2-Dimensional Noise Reduction

The patented 2-dimensional noise reduction (2DNR) system greatly reduces visible noise in compressed images, such as MPEG formats.

NARROW PIXEL PITCH DIRECT VIEW LED

TAA COMPLIANT

5 YEAR WARRANTY

MADE IN JAPAN QUALITY

14-bit Per Color End-to-End Processing

Uncompressed 14-bit per color end-to-end interface allows for high performance processing of information on a pixel basis to ensure the highest image quality.

Long Service Life

The Direct View LEDs have a lifetime rating of 100,000 hours at half brightness. It is designed for continuous 24/7 operation, often required in mission-critical environments.

Mitsubishi Electric's line-up of Direct View LED includes 0.9, 1.25, 1.5 and 2.0mm pixel pitch, available in front or rear access, and with internal or external power. Our high definition LED displays come with Mitsubishi Electric's best-in-class support and undisputed 5-year warranty.

The Narrow Pixel Pitch Direct View LEDs are specifically engineered to address the demanding high reliability needs of command and control room environments.

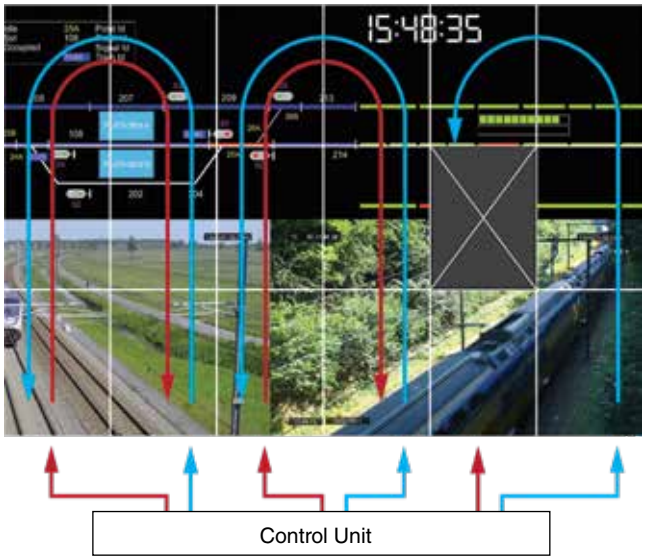
Intel OPS-Standard Slot (control unit)

Each controller unit is equipped with an OPS slot for ease of integration. The slot accepts a variety of OPS devices for long distance transmissions over CAT6 cable.

Optimal Reliability

Signal Redundancy

In the event of a single LED unit failure, signal redundancy allows for other LED units to remain operable to ensure continued display of content using a two-way image transmission throughout the system.

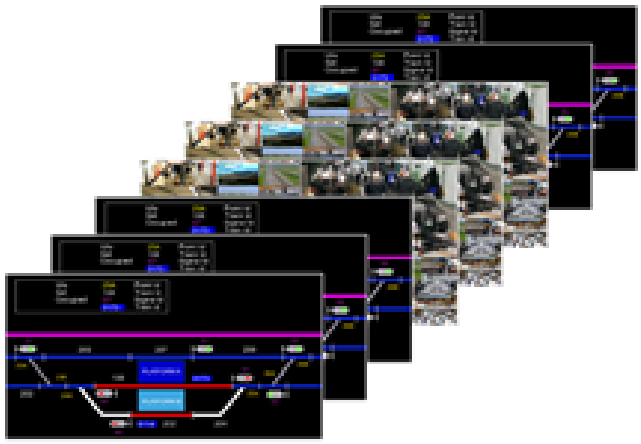


Power Redundancy

In case of an unlikely power module failure, Mitsubishi Electric offers optional redundant power supplies to provide continuous power operation.

Active Power Peak Saving Function

This built-in active power peak saving function reduces the maximum power consumption by detecting the image brightness and automatically optimizing the image.



Flexible Installation

Narrow Pixel Pitch Direct View LED screens are available in rear access and front access models.