

Uniformity²

Intelligent Calibration Technology

World's matchless color uniformity system for LED displays of any complexity and configuration reaches new horizons

Since 1998



Camera-free adjustment



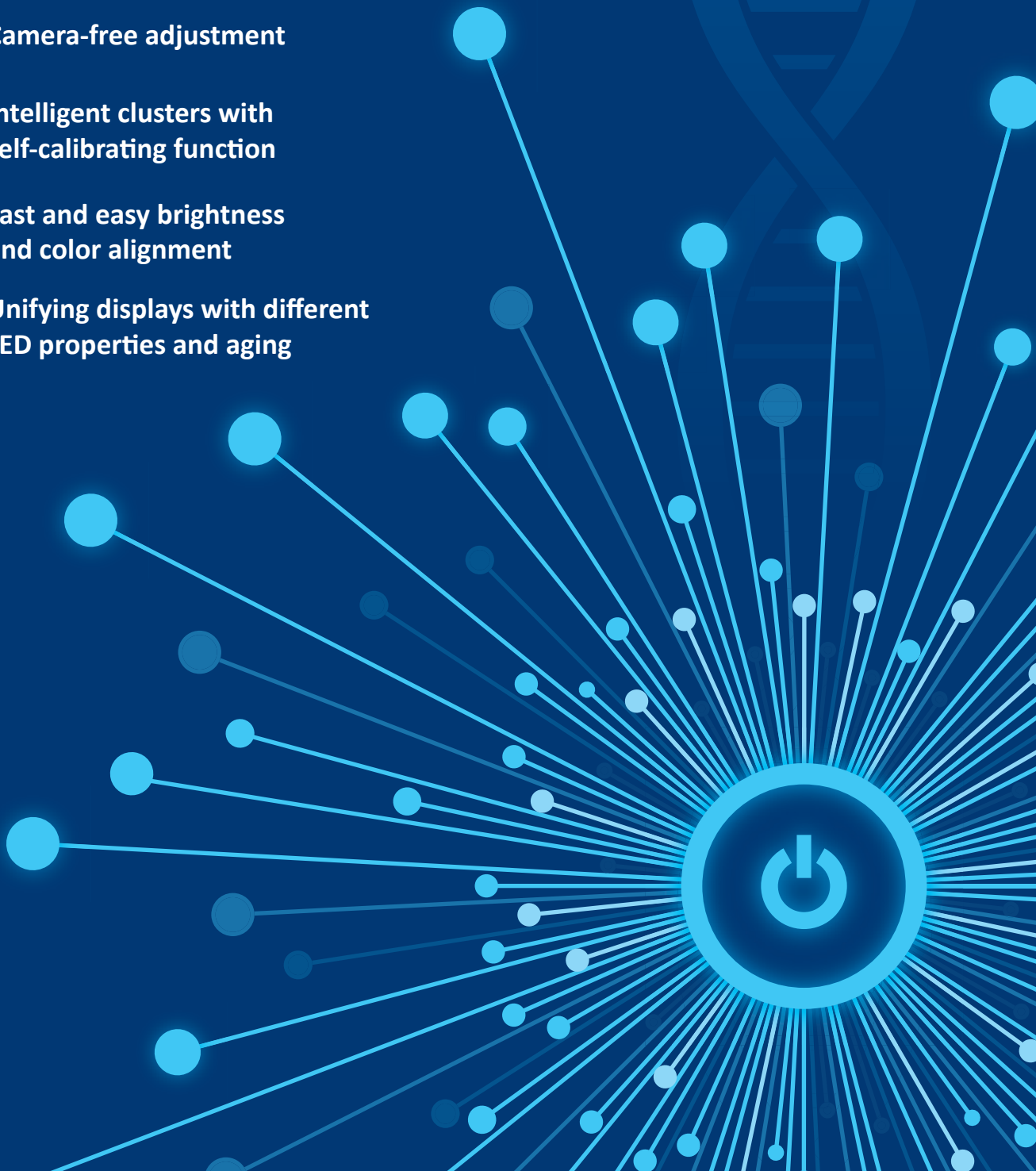
Intelligent clusters with self-calibrating function



Fast and easy brightness and color alignment



Unifying displays with different LED properties and aging



UNIFORMITY²

THE PROPRIETARY TWO-LEVEL CALIBRATION SYSTEM BUILT INTO EACH EKTA DISPLAY

Ensures automatic brightness and color alignment of LED displays:

- with different specifications
- with LEDs from different manufacturers
- from different delivery lots
- with different LED chips maturity

ONE TOUCH - FULL CONTROL

EKTA is the inventor and the world's leader of intelligent cluster technology. Each cluster contains a intelligent processing and undergoes a pixel-by-pixel calibration procedure at the factory, with calibration data recording into the memory. This brings the following advantages to the user:

- one button push to calibrate the display
- no camera needed for calibration
- automatic calibration after power on
- automatic calibration after cluster replacement
- brightness and color matching for modules of different type
- 16/18-bit color processing switching
- Up to 99% color and brightness uniformity for displays composed of different LED types and different pixel pitch



BENEFITS FOR DAILY USE

- Quick and efficient creation of LED video walls, with any pixel pitch and modules maturity combination
- Equipment ready for use right out of the case
- No need to calibrate individual modules before every event
- Cost-efficient operation due to time and manpower saving
- Guaranteed perfect image quality