SYNOVETA

Intelligent Technology.
Connected Possibilities.

Indoor LED Display

CX SERIES

Superior Visual Performance for Every Space

APPLICATION SCENARIOS

Control Room | Corporate | Broadcast Studio | Conference Room

Exhibition & Showroom | Commercial Display

Synoveta Technology Co., Ltd.
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SYNOVETA

Intelligent Technology.
Connected Possibilities.

CX SERIES

CX-0153

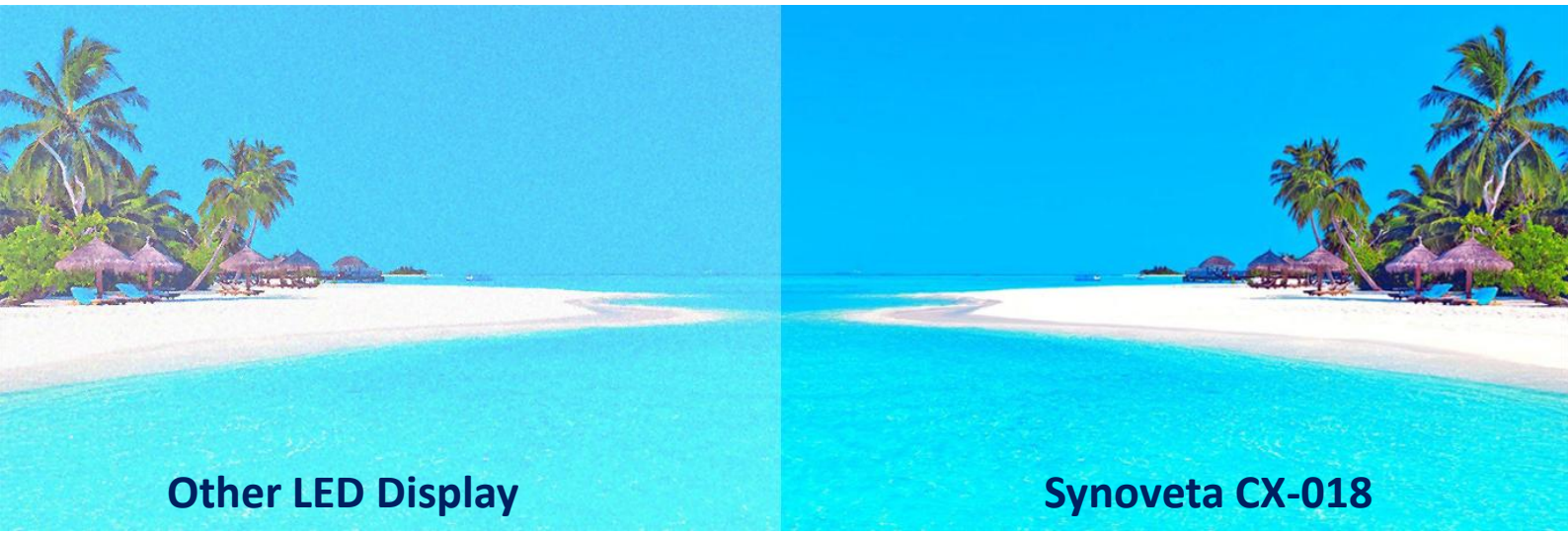
Indoor COB LED Display Cabinet

COB TECHNOLOGY
Premium image quality
and better contrast

ULTRA THIN PIXEL PITCH
Delivering sharp
And vivid visuals

STABLE PERFORMANCE
Design for
24/7 Operation

EASY INSTALLATION
Modular Design
For quick deployment



Visual different between other LED display and Synoveta LED display

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CX SERIES

PRODUCT DATASHEET

CX-0153 | Specifications

Indoor COB LED Display • Synoveta

MODULE PARAMETERS	
LED Configuration	Full Flip-chip COB
Pixel Pitch	1.538 mm
Module Resolution (W × H)	208 × 104 pixels
Module Dimensions (W × H)	320 × 160 × 13.8 mm
Module Weight	0.5 ± 0.05 kg
Module Area	0.0512 m^2
Pixel Density	422,500 dots/m^2

CABINET PARAMETERS	
Cabinet Dimensions (W × H × D)	640 × 480 × 48 mm
Module Composition (W × H)	2 × 3
Cabinet Resolution (W × H)	416 × 312 pixels
Cabinet Area	0.3072 m^2
Cabinet Weight	3.6 ± 0.1 kg
Cabinet Material / Maintenance	Die Cast Aluminum

OPTICAL PERFORMANCE	
White Balance Brightness	≥ 650 nits
Color Temperature	10,000K–12,000K, adjustable
Viewing Angle (H / V)	160° / 160°
Brightness Uniformity	≥ 95%
Contrast Ratio	≥ 12000:1

ELECTRICAL & CONTROL	
Single Module Power Consumption	≤ 16 W
Power Supply Voltage	DC 4.5-5 V
Single Module Current	3.6 A
Drive Mode	43S constant-current
Frame Rate	60 Hz
Refresh Rate	≥ 7680 Hz
Pixel Structure	Full Flip-chip COB

ENVIRONMENT & RELIABILITY	
Lifetime	100,000 hours
Operating Temperature	−20 to +50 °C
Storage Temperature	−20 to +60 °C
Operating Humidity	10–80% RH, non-condensing
Storage Humidity	10–85% RH, non-condensing

NOTE: The above specifications represent the standard technical parameters of Synoveta LED modules. Customized display solutions and configurations can be provided to meet specific customer requirements and project applications.