

Display technology. Engineered around you.

Company & product catalogue



Your solution. Your brand. Our expertise.

UK commercial & technical expertise
Shenzhen engineering & manufacturing
Global delivery

01 / COMPANY

One connected team. From brief to deployment.

Established in 2011, AD Series brings together UK commercial and technical expertise with Shenzhen engineering and manufacturing to support display projects worldwide.

UK expertise

Project consultation, specification, integration guidance and technical support, informed by your application and commercial requirements.

Shenzhen engineering

Display, electronics, mechanical design and production expertise to configure the hardware around your finished solution.

Global delivery

Specialist batches, phased rollouts and larger deployment programmes for partners and projects worldwide.

Lifecycle support

Service access, remote visibility and component planning help support the display throughout its operating life.

A solution partner behind your brand.

We work as an extension of your engineering and technical team. Confidential relationships and agreed non-disclosure arrangements allow your brand and achievements to take centre stage. ISO 9001-certified production processes support consistent quality and flexible manufacturing.

02 / TECHNOLOGY PARTNERSHIPS

Your brand. Our display technology.

White-label and OEM partnerships for integrators, manufacturers and solution providers.

Your customer relationship

You retain your brand, customer ownership and sales channel. We support your solution behind the scenes.

Your software stays in place

CMS-neutral hardware configured around your media player, passenger-information platform and control architecture.

Engineering inside your product

Optical bonding, thermal design, electronics, mechanical interfaces, mounting, I/O and branding options.

Additional hardware sources

Assess an alternative or second source against fit, performance and qualification requirements.

Custom technology, agreed around the brief.

Beyond the standard families, discuss E-Paper, LED destination requirements, bespoke LCD formats and optically bonded assemblies. Capabilities, samples and qualification are agreed for each programme.

Define the integration / Engineer and validate / Supply and support

03 / RANGE OVERVIEW

Find the hardware for your application.

ON-STREET

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ON-STREET / PRODUCT FAMILY 01

On-street totems

AD Series on-street totems deliver high-visibility passenger information, wayfinding and digital content in exposed public locations. Their sealed, fanless construction is designed for transport hubs, city streets, retail environments and public infrastructure.

APPLICATIONS & CAPABILITIES

- Passenger information and wayfinding
- Smart-city and public infrastructure
- Retail and outdoor digital signage

RANGE AT A GLANCE

Sizes

32, 43, 49, 55, 65, 75 and 86-inch LCD configurations.

Visibility

3500+ nit brightness with optical bonding for improved outdoor contrast.

Protection

IK10 impact protection with toughened safety glass.



Configurations

Single and double-sided freestanding formats.

Environmental

IP67 weather protection and fanless continuous operation.

Integration

Network connectivity, remote diagnostics and compatibility with project CMS platforms.

Specifications and available options depend on size and configuration. Confirm the selected hardware and final installation requirements with AD Series.

ON-STREET / PRODUCT FAMILY 02

Pole & wall-mounted displays

Designed for bus stops, roadside infrastructure and public spaces, the AD Series pole and wall-mounted range combines sunlight-readable LCD performance with a sealed, fanless display module that can be integrated into shelters, posts, walls and bespoke structures.

APPLICATIONS & CAPABILITIES

- Bus stop and platform information
- Roadside and smart-city deployments
- Pole, wall and shelter mounting

RANGE AT A GLANCE

Sizes

32, 43, 49, 55, 65, 75 and 86-inch options.

Environmental

Fully sealed IP67 display module with fanless thermal design.

Optics

Optical bonding improves contrast and reduces reflections.



Brightness

3500+ nits with automatic brightness control.

Protection

IK10 anti-vandal front glass with anti-reflection coating.

Monitoring

Remote diagnostics support off-site status and fault visibility.

Specifications and available options depend on size and configuration. Confirm the selected hardware and final installation requirements with AD Series.

ON-STREET / PRODUCT FAMILY 03

28-inch stretch display

Purpose-built for passenger information, the AD Series 28-inch stretch display presents arrivals, departures, service alerts and wayfinding in a compact format suited to bus stops, platforms, shelters and other high-footfall public locations.

APPLICATIONS & CAPABILITIES

- Arrivals, departures and service alerts
- 178-degree viewing angle
- Optional touchscreen configuration



RANGE AT A GLANCE

Display format

28-inch stretched LCD with 1920 × 360 resolution.

Brightness

1400+ nits for high ambient-light environments.

Environmental protection

IP65-rated enclosure.

Impact protection

IK09 protection with a polycarbonate-protected front glass.

Configurations

Single and double-sided aluminium configurations.

Monitoring

Remote diagnostics with Android, Windows and Linux system options.

Specifications and available options depend on size and configuration. Confirm the selected hardware and final installation requirements with AD Series.

ON-STREET / PRODUCT FAMILY 04

Bus stop & platform displays

AD Series bus stop and platform displays combine clear real-time information with robust housings, flexible mounting and integration support. Choose compact pole and wall-mounted formats or larger high-brightness displays for busy interchanges.

APPLICATIONS & CAPABILITIES

- Sunlight-readable display options
- Outdoor-rated and sheltered configurations
- Real-time departures, disruption and wayfinding layouts

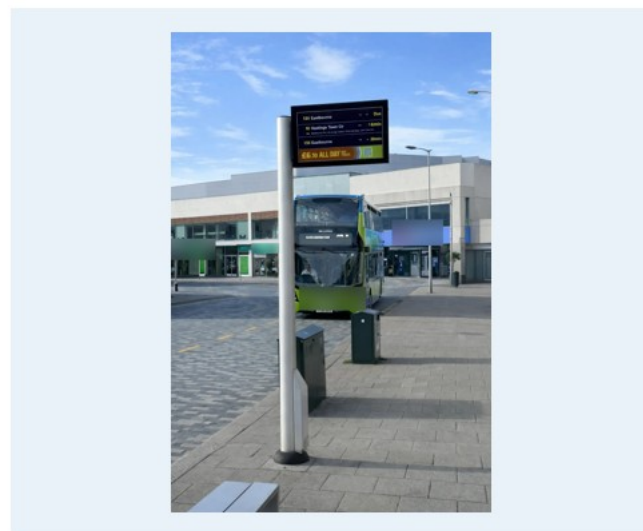
RANGE AT A GLANCE

Applications

Bus stops, rail platforms, transport interchanges and travel terminals.

Integration

Compatible with passenger-information feeds, media players and project CMS platforms.



Formats

Pole, wall, shelter and freestanding configurations.

Specifications and available options depend on size and configuration. Confirm the selected hardware and final installation requirements with AD Series.

ON-STREET / PRODUCT FAMILY 05

Outdoor industrial LCD modules

Designed for integrators and enclosure manufacturers, the AD Series outdoor module brings together high-brightness LCD performance, environmental sealing, thermal control, protection and service access in a single integration-ready assembly.

APPLICATIONS & CAPABILITIES

- High-grade 110°C LCD components
- Passive cooling without filter maintenance
- External connection access

RANGE AT A GLANCE

Brightness

3500+ nits with automatic brightness control.

Sizes

32, 43, 49, 55, 65, 75 and 86 inches, portrait or landscape.

Optics

Optical bonding improves outdoor contrast and reduces internal reflection.



Environmental

Fully sealed IP67, fanless architecture for continuous operation.

Protection

IK10 anti-vandal glass with anti-reflection coating.

Service

Remote diagnostics, modular mounting and optional demountable power tray.

Specifications and available options depend on size and configuration. Confirm the selected hardware and final installation requirements with AD Series.

ON-STREET / PRODUCT FAMILY 06

Internal industrial LCD modules

AD Series internal industrial LCD modules provide a durable display core for industrial automation, kiosks, control systems and smart infrastructure. They combine high-brightness visibility with integration-focused mounting, connectivity and service options.

APPLICATIONS & CAPABILITIES

- Industrial automation and control systems
- Kiosks and smart infrastructure
- Android, Windows and Linux options

RANGE AT A GLANCE

Sizes

32, 43, 49, 55, 65, 75 and 86-inch options.

Environmental

IP67 sealed enclosure across the listed range.

Optics

Optical bonding improves contrast and readability.

Brightness

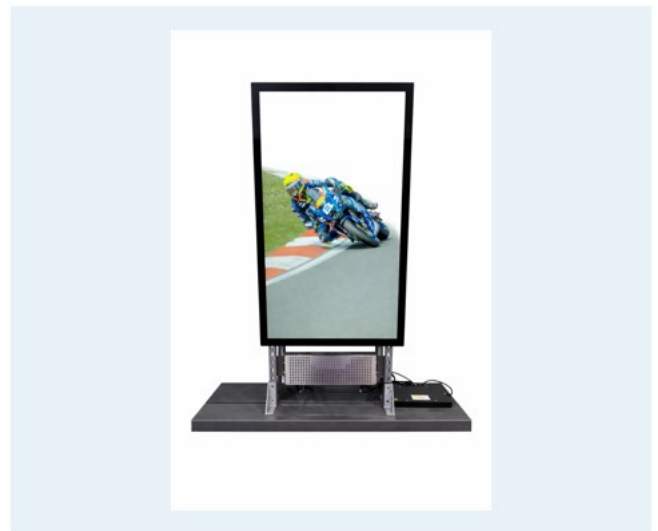
1500+ nit high-brightness LCD configurations.

Protection

IK09 anti-vandal protection with anti-reflection treatment.

Integration

Remote diagnostics, external ports, modular mounting and optional demountable power tray.



Specifications and available options depend on size and configuration. Confirm the selected hardware and final installation requirements with AD Series.

TRANSPORT / PRODUCT FAMILY 07

Onboard passenger displays

AD Series OnTransport displays present route information, next stops, service updates, advertising and infotainment inside buses, coaches and rail vehicles. Ultra-wide and standard formats can be configured around the vehicle interior, mounting position, player and data platform.

APPLICATIONS & CAPABILITIES

- Route and destination updates
- Real-time passenger information
- Advertising and infotainment

RANGE AT A GLANCE

Screen sizes

21.2, 21.5, 28, 29 and 37-inch formats.

Resolution

Available resolutions include 1920 × 360, 1920 × 1080, 1920 × 540 and 3840 × 540, depending on size.

Systems

Android, Windows and Linux operating-system options.



Brightness

750 nit options across the stretch range and a 1000 nit 21.5-inch format.

Viewing

178-degree viewing angle across the listed range.

Monitoring

Remote diagnostics with optional touchscreen configurations.

Specifications and available options depend on size and configuration. Confirm the selected hardware and final installation requirements with AD Series.

TRANSPORT / PRODUCT FAMILY 08

LCD destination displays

AD Series OnTransport destination displays provide route numbers, destinations and live service information outside and inside public transport vehicles. High-brightness LCD formats support full-colour graphics, animation and real-time updates across bus, coach and fleet networks.

APPLICATIONS & CAPABILITIES

- Bus and coach destination information
- Full-colour graphics and animations
- Real-time route and service updates

RANGE AT A GLANCE

24-inch number display

1920 × 1200 resolution with 3000 nit brightness.

58-inch front display

1920 × 441 resolution with 3000 to 4000 nit brightness.

Systems

Android, Windows and Linux operating-system options.



43-inch multi-use display

1920 × 300 resolution with 3000 to 4000 nit brightness.

Viewing

178-degree viewing angle across the listed range.

Monitoring

Remote diagnostics with optional touchscreen configurations.

Specifications and available options depend on size and configuration. Confirm the selected hardware and final installation requirements with AD Series.

COMMERCIAL / PRODUCT FAMILY 09

Commercial touch monitors

AD Series commercial touch monitors provide an interactive display platform for retail, corporate, education and public-facing applications. They can be supplied as a monitor or configured with Android, Windows PC or Linux options for integration into AV, CMS and kiosk environments.

APPLICATIONS & CAPABILITIES

- Retail and customer engagement
- Corporate and education environments
- Continuous commercial operation

RANGE AT A GLANCE

Screen sizes

32, 43, 49, 55, 65, 75, 86 and 98-inch options.

Touch

Up to 40-point multi-touch for interactive and collaborative use.

Integration

Multiple input options, modular design, external connectivity and optional OPS PC support.



Resolution

4K Ultra HD options for detailed visuals and commercial content.

System options

Monitor-only, Android, Windows PC and Linux configurations.

Brightness

Standard and high-brightness configurations for different lighting conditions.

Specifications and available options depend on size and configuration. Confirm the selected hardware and final installation requirements with AD Series.

COMMERCIAL / PRODUCT FAMILY 10

Octab commercial tablets

The Octab range gives integrators a scalable commercial tablet platform for kiosks, retail, automation and smart environments. Current RK3566, RK3568 and RK3588 options support different performance requirements while retaining flexible operating-system, mounting and integration choices.

APPLICATIONS & CAPABILITIES

- Kiosks, retail and automation
- 24/7 commercial operation
- Wi-Fi and optional external mobile connectivity

RANGE AT A GLANCE

Octab RK3566

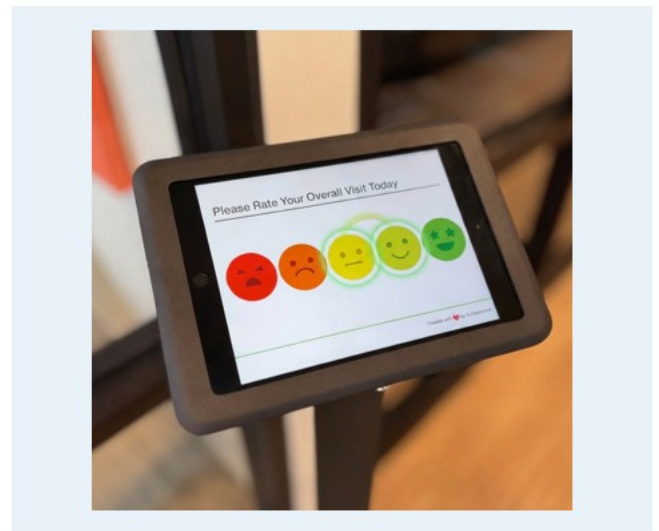
Quad-core Cortex-A55 platform optimised for efficient commercial workloads.

Octab Enhanced RK3588

Eight-core platform with four Cortex-A76 and four Cortex-A55 cores for demanding applications, multitasking and high-resolution media.

Operating systems

Android and Linux support for apps, CMS platforms and custom deployments.



Octab RK3568

Quad-core Cortex-A55 platform for standard applications and media playback up to 4K.

Screen sizes

10.1, 11.6, 14, 15.6, 17.3, 18.5, 21.5, 23.5, 23.8, 27 and 32-inch options.

Touch

Capacitive multi-touch as standard, with optional non-touch configurations.

Specifications and available options depend on size and configuration. Confirm the selected hardware and final installation requirements with AD Series.

COMMERCIAL / PRODUCT FAMILY 11

AVX digital signage players

The AVX431, AVX462 and AVX463 range provides ARM-based media playback for digital signage, retail displays and kiosks. Choose AVX431 or AVX462 for 4K output, or AVX463 for 8K. We configure the operating system and software around your platform.

APPLICATIONS & CAPABILITIES

- AD player software or your customer APK
- Digital signage, kiosks and retail displays

RANGE AT A GLANCE

AVX431 / 4K

RK3566 quad-core Cortex-A55 platform.
2 GB RAM / 32 GB storage.
Android 11 / Linux (Debian 11).

AVX463 / 8K

Rockchip 3588 octa-core platform.
4 GB RAM / 64 GB storage.
Android 13 / Linux.

Integration

Optional integrated MCU.
Configured around your software platform.



AVX462 / 4K

RK3568 quad-core Cortex-A55 platform.
4 GB RAM / 32 GB storage.
Android 11 / Linux (Debian 11).

Software & playback

AD player software or your customer APK.
Landscape and portrait playback.

Control

Infrared remote control.
Auto-start playback.

Confirm the operating system, software and integration requirements for your selected model with AD Series.

04 / ENGINEERING

Reliability begins inside the display.

Outdoor performance comes from the interaction between optics, sealing, thermal design, protection, monitoring and service access.

Sunlight readability

High brightness, automatic brightness control and optical bonding support outdoor contrast and reduce internal reflection.

Sealing and cooling

Relevant outdoor LCD modules combine IP67 sealing with fanless architecture and engineered passive heat paths.

Impact protection

IK10 protection is available on relevant large-format outdoor ranges. The compact 28-inch range lists IK09 protection.

Remote diagnostics

Selected configurations support visibility of brightness, temperature and operating status to assist support teams.

Integration and service

External ports, modular mounting, optional power trays and lifting support can simplify integration and maintenance.

Qualification

Confirm the required environment, interfaces and approvals for the chosen display. Vehicle R10 and R118 options depend on configuration.

Ratings apply to the selected product, rather than every display in the portfolio. The complete installed solution requires its own assessment.

05 / DISPLAYS IN THE FIELD

Real hardware. Real environments.



Roadside passenger information

Pole-mounted displays bring departure information to the point of travel.



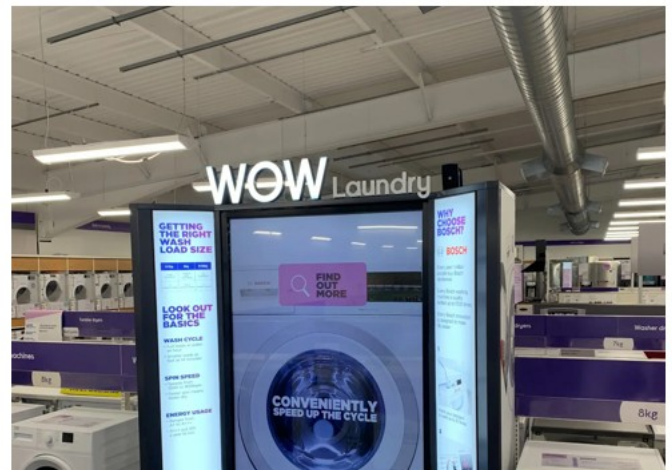
Freestanding public information

Totem formats provide a clear information surface in transport environments.



Stops and interchanges

Outdoor formats integrate with existing posts, shelters and infrastructure.



Commercial display integration

Display hardware can be built into retail fixtures and customer-facing spaces.

Original AD Series installation photography. Customer relationships remain confidential; these examples illustrate deployment formats and applications.

06 / START A PROJECT

Define the requirement. Build the right solution.

A clear brief helps us recommend the display, enclosure, compute and support approach for your programme.

01 Application and site

Passenger information, wayfinding, advertising, kiosk or industrial use. Indoor, sheltered or exposed location; mounting and service access.

02 Display performance

Screen size, orientation, viewing distance, ambient light, brightness, resolution, touch and required environmental or impact protection.

03 Software and interfaces

CMS or PIS platform, operating system, media player, network connectivity, power supply, control interfaces and diagnostic requirements.

04 Programme and support

Volumes, rollout stages, target timing, branding, approvals, maintenance arrangements and product continuity requirements.

Let's build your next display solution.

UK commercial & technical expertise.
Shenzhen engineering & manufacturing.
Global delivery.

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This is a range guide. Request a confirmed specification for your chosen configuration.