



Litemax Public Safety Solutions

Litemax Technology Advantages

With the rise of smart cities, display and computing systems play critical roles in law enforcement, firefighting, traffic control, and disaster response. Litemax offers industrial-grade high-brightness displays and computing platforms designed for durability, reliability, and 24/7 operation in demanding public safety environments.

Litemax Solutions and Application Scenarios

• Command & Control Center Display Systems

Applications:

Police, fire, and traffic control centers requiring long-hour monitoring and data visualization.

Key Needs:

Long lifespan, high brightness, high resolution, multi-input integration.

55" industrial grade sunlight readable LCD, with high brightness 2500 nits DLD5500-I

High brightness 2500nits

Sunlight Readable

Wide Operation Temperature (-30 ℃ ~70℃)

LCD Blackening Defect Free (H-Tni 110 ℃)

Surface Treatment (Haze 25%)

Low Power Consumption

BL MTBF: 100,000 hours



• Outdoor Public Information and Warning Display

Applications:

Disaster alerts, traffic warnings, evacuation guidance.

Key Needs:

High brightness, waterproof, dustproof, wide-temperature operation.

43" TFT LCD, 1800nits LED Backlight, 1920x1080 4309-B

43" sunlight readable, high brightness (1,800 nits)

Resolutions: 1920x1080

Wide viewing angle of 178° (H), 178° (V)

Contrast ratio (1300 :1)

Low power consumption

LCD Blacking Defect Free(Hi-Tni 110 C)

BL MTBF: 100,000 hours



• Vehicle-Mounted and Mobile Surveillance Systems

Applications:

Police patrol cars, fire trucks, ambulances with onboard monitoring and dispatch terminals.

Key Needs:

Anti-vibration, wide temperature tolerance, touch support, integrated GPS and wireless communication.

15.6" EN50155 Touch Panel PC with Intel® 8th Gen Core™ Processor ITRP-1562-WH0-ZP00

Intel® 8th Gen Core™ Processor onboard

EN50155 / EN45545

15.6" LCD, 1920 x 1080, 450 nits

P-CAP 10 points touch screen

5USB , 1COM ,1 LAN , 1DIO

DC 16.8~31.2V Input



• Edge Computing and AI Vision Nodes

Applications:

City surveillance, AI video analytics, smart traffic management.

Key Needs:

GPU computing support, weather resistance, multi-camera input, network streaming.

Fanless Box system with NVIDIA® Jetson® Orin NANO/Orin NX, HDMI,CAN/4USB/ COM/3LAN(2 POE 802.3at) DC9-36V IBOX-NVC1

NVIDIA® Jetson Orin NANO/NX Module Computer

1 HDMI, 4 USB3.0, 1 COM , 1 CAN

Triple Gigabyte LAN ; include 2 802.3at POE

Wide Range DC9-36V input with phoenix connector

Wide temperature: -10°C ~ 60°C

Compact edge AI computing

