

DMX Rugged 4K Defense Display

23.8 inch mission-critical display for defense and industrial environments

A rugged 4K display platform built for tactical visualization, command and control, shipboard systems, aircraft maintenance environments, and front-line vehicle computer applications.



23.8 IN 4K

MIL-STD

IP65 FRONT

TOUCH OPTIONS

9-36V DC

The **DMX Rugged 4K Defense Display** is a 23.8-inch mission-critical display built for military, defense, and industrial environments where durability, visibility, and reliable operation are essential.

Designed around MIL-STD-1275E, MIL-STD-461G, and MIL-STD-810H requirements, it supports demanding applications such as shipboard CIC systems, bridge consoles, shore-based command and control, aircraft maintenance environments, USV/UGV platforms, and C5ISR operations. With 4K resolution, high-brightness performance, rugged construction, and military-grade I/O connectivity, the DMX display delivers clear visual performance in harsh deployment conditions.

4K Visual Clarity

23.8 inch 3840 x 2160 UHD display for situational awareness, C2 workstations, and vehicle or shipboard environments.

Outdoor Readability

High-brightness LCD, anti-glare treatment, and optical bonding support readability in demanding conditions.

Rugged Construction

Aluminum bezel, metal case, tempered cover glass, and IP65 front-side protection for harsh environments.

Defense-Ready Compliance

Designed around MIL-STD-1275E, MIL-STD-461G, and MIL-STD-810H requirements.

Secure Military I/O

MIL-DTL-38999 and MIL-DTL-26482 connectors help reduce accidental disconnects during operation.

Flexible Integration

Rack handle, flush, and VESA mounting options support command consoles, vehicles, and fixed installations.

Product Specifications

Power Requirement

Power Input	DC 9~36V Wide Range Power Input
Power Supply	Universal AC/DC 24V/3.75A 90W Power Adapter w/ MIL-DTL-26482 Plug MS3116F8-4S

LCD

Max. Resolution	3840*2160
Contrast Ratio	1000 : 1
Max. Color	1.07 B
Luminance (cd/m2)	1000 nits
View Angle	89/89/89/89

Touch Screen

Type	P-cap Touch by USB
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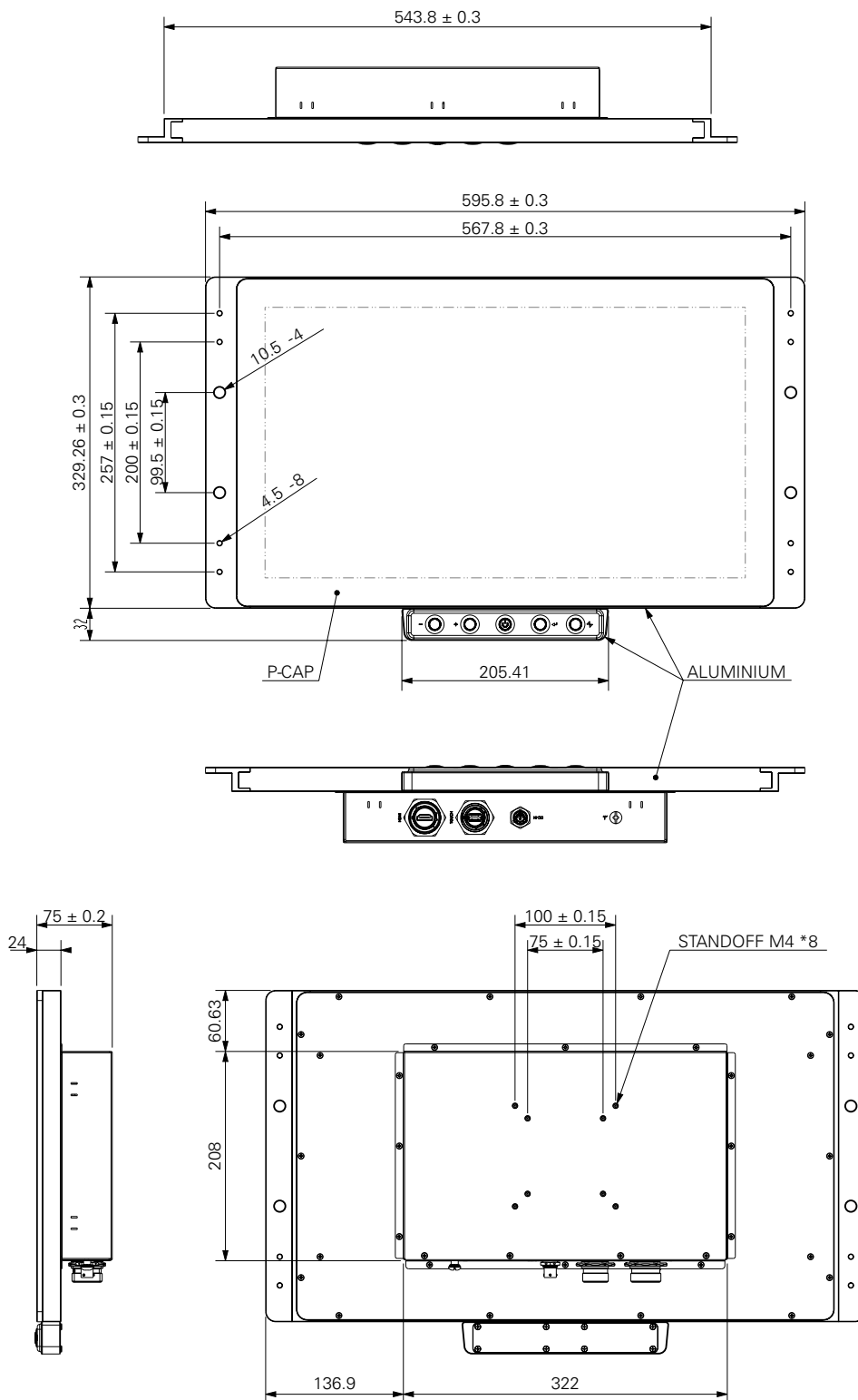
Mechanical

Construction	Aluminum Bezel and Metal case
IP Rating	IP65 Front Side
Mounting	Rack Handle / Flush/VESA Mount
Dimension	640.4(W) x 412.4(H) x 84(D) mm

Environment

Operating Temp	-20~70 °C, IEC-60068-2-1/2/14
Storage Temp	30~70 °C
Humidity	10~90% @40 °C, non-condensing
EMC	MIL-STD-461G RE101/RE102, CE101/102, MIL-STD-1275E (Compliance)
Vibration	MIL-STD-810H, Method 514.8, Procedure I, 5~500Hz (Compliance)
Shock	MIL-STD-810H, Method 516.8, Procedure I, 20g 11ms (Compliance)

Mechanical Reference

**Note:**

Mechanical drawings are provided for planning reference.

Final configurations, certifications, and availability should be confirmed with Stealth before integration.