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Data Sheet

August 15, 2026

DDC

DDC BU-67119W200R-JL0 AceXtreme Bridge Device

The DDC BU-67119W200R-JL0 AceXtreme Bridge Device converts avionics data in real-time between Ethernet, MIL-STD-1553, and ARINC-429 protocols. It operates as a standalone converter or enables host computer remote access via Ethernet to either or both legacy databuses. Built for military and aerospace environments, the device withstands shock, vibration, humidity, and electromagnetic interference per MIL-STD-810 and MIL-STD-461. Each channel independently programmable: Bus Controller (BC), BC/Monitor (BC/MT), Remote Terminal (RT), Multi-RT, Monitor, RT/Monitor, or Multi-RT/Monitor modes Transformer-coupled bus connection (direct-coupled available upon request) ARINC 429 Interface Dual operating modes: Protocol conversion (standalone) or remote access (host-controlled)



MODEL

DDC BU-67119W200R-JL0

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

BU-67119W200R-JL0

LISTING

<https://aumictechlabs.com/products/bu-67119w200r-jl0-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

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humidity, and electromagnetic interference per MIL-STD-810 and MIL-STD-461. Technical Specifications Processing & Storage 1 GHz Intel Atom Processor 8 GB Solid-State Drive (SSD) MIL-STD-1553 Interface 2 Dual Redundant 1553 channels Each channel independently programmable: Bus Controller (BC), BC/Monitor (BC/MT), Remote Terminal (RT), Multi-RT, Monitor, RT/Monitor, or Multi-RT/Monitor modes Transformer-coupled bus connection (direct-coupled available upon request) ARINC 429 Interface 6 Programmable Receive/Transmit channels Ethernet 2 × 10/100/1000 Mbps ports Discrete I/O Up to 12 Discrete I/O channels Power Input 28 V DC, MIL-STD-704 and MIL-STD-1275 compliant Key Features Dual operating modes: Protocol conversion (standalone) or remote access (host-controlled) Bidirectional real-time protocol conversion across all three protocol families IP67 Rugged D-connectors rated for demanding field deployment Compact form factor: 6.67 in × 5.28 in × 2.19 in (737 g) MIL-STD-810 environmental qualification (shock, vibration, humidity, altitude) MIL-STD-461 electromagnetic compatibility Compatibility & Integration Software & APIs AceXtreme MIL-STD-1553 and ARINC-429 C SDKs for custom application development Linux TCP/IP and UDP/IP socket interfaces Windows 10 and IntervalZero ETS support Commercial avionics utilities: Data Bus Analyzer, Monitor, dataSIMS Customization DDC offers design modifications from simple configuration changes to fully custom implementations.

BU67119W200RJL0 Characteristics / Specifications

PARAMETER	VALUE
Model	BU-67119W200R-JL0
Base Family	BU-67119 AceXtreme
Instrument Type	AceXtreme bridge device
Manufacturer	DDC Data Device Corporation
Literature	DDC BU-67119W200R-JL0 AceXtreme bridge listings
Family	DDC AceXtreme
Brand Lineage	DDC
Form Factor	AceXtreme bridge
System Role	avionics databus bridge
Use Case	1553 class bridging
Documentation Type	OEM BU-67119 listing
Year Class	DDC AceXtreme BU-67119
Application Class	avionics databus
Vendor Path	DDC
Related Synchro	IAC-37001, SB-3622712-365, SB362431A-3L0
Documentation Class	OEM AceXtreme catalog
Control Class	AceXtreme bridge
Companion Role	DDC AceXtreme family
Operating Mode	databus bridge
Instrument Class	avionics bridge
Protocol Class	AceXtreme 1553 class
Avionics Class	databus ATE
Enclosure Class	DDC AceXtreme device
Configuration Class	W200R-JL0 build
Bus Class	avionics databus

PARAMETER	VALUE
Interface Class	AceXtreme
Firmware Class	AceXtreme
Documentation Path	DDC BU-67119

BU67119W200RJLO Specifications

PARAMETER	VALUE
Applications	AceXtreme avionics databus bridging in ATE and embedded 1553 systems.
Avionics databus bridge	BU-67119 family
Technical Specifications	Model: BU-67119W200R-JLO

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
Specifications	
PARAMETER	VALUE
Model	BU-67119W200R-JL0
Base Family	BU-67119 AceXtreme
Instrument Type	AceXtreme bridge device
Manufacturer	DDC Data Device Corporation
Literature	DDC BU-67119W200R-JL0 AceXtreme bridge listings
Family	DDC AceXtreme
Brand Lineage	DDC
Form Factor	AceXtreme bridge
System Role	avionics databus bridge
Use Case	1553 class bridging
Documentation Type	OEM BU-67119 listing
Year Class	DDC AceXtreme BU-67119
Application Class	avionics databus
Vendor Path	DDC
Related Synchro	IAC-37001, SB-3622712-365, SB36243IA-3L0
Documentation Class	OEM AceXtreme catalog
Control Class	AceXtreme bridge
Companion Role	DDC AceXtreme family
Operating Mode	databus bridge
Instrument Class	avionics bridge
Protocol Class	AceXtreme 1553 class
Avionics Class	databus ATE
Enclosure Class	DDC AceXtreme device
Configuration Class	W200R-JL0 build
Bus Class	avionics databus
Interface Class	AceXtreme

PARAMETER	VALUE
Firmware Class	AceXtreme
Documentation Path	DDC BU-67119

Notes

From DDC BU-67119W200R-JL0 listings (AceXtreme bridge device). Channel count, protocol mix, and connector map are on the BU-67119 AceXtreme data sheet / W200R-JL0 configuration.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.