

MANUFACTURER-SOURCE TECHNICAL REFERENCE

Allen-Bradley 1756-DHRIO

Product Reference

Rockwell Automation ControlLogix DH Plus and Remote I/O communication module

DOCUMENT SCOPE

Independent Apter Power manual compiled only from the cited Rockwell Automation manufacturer sources. No product photograph is included.

Product / lookup identity	Allen-Bradley 1756-DHRIO
Reference number	1756-DHRIO
Document basis	Published Rockwell Automation product records, PDFs, and manuals listed on page 3



Product page

<https://www.apterpower.com/Allen-Bradley/1756-dhr10>
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Product role and published parameters

WHAT IT IS, WHAT IT DOES, AND WHERE IT FITS

Allen-Bradley 1756-DHRIO is an evidence-bounded ControlLogix DH Plus and Remote I/O communication module. System role: It provides two channels configurable for DH+ or Remote I/O scanner operation at documented network rates. System context: Rockwell Automation ControlLogix DH Plus and Remote I/O communication module.

Published field	Manufacturer-published value or verified identity note
Exact requested identity	1756-DHRIO
Product class	ControlLogix DH Plus and Remote I/O communication module
Channels	2
Protocols	DH+ and Remote I/O scanner
Rates	57.6, 115.2 and 230.4 Kbit/s
Recommended Logix connections	32 maximum
Lifecycle	Discontinued 2024-12-31; engineering replacement category

System function and signal path

01	System Inputs: It provides two channels configurable for DH+ or Remote I/O scanner operation at documented network rates.
02	Processing: Configure each channel for its intended DH+ or RIO role and observe the documented messaging, rack-connection and block-transfer limits.

Applications, answers, and official sources

1 Installed-base maintenance: Supports evidence-led identification and replacement planning for Allen-Bradley 1756-DHRIO.

2 System documentation: Provides a source-traceable boundary for the documented ControlLogix communication architecture configuration.

3 Commissioning review: Guides identity, companion-hardware, wiring and controlled functional checks before return to service.

4 Migration assessment: Separates exact-model facts from successor, sibling and family-level information.

Frequently asked questions

What is Allen-Bradley 1756-DHRIO?	It is an evidence-bounded ControlLogix DH Plus and Remote I/O communication module; this page is limited to the cited manufacturer evidence.
Is the exact identity verified?	Verified Evidence Bounded.
What is its system role?	It provides two channels configurable for DH+ or Remote I/O scanner operation at documented network rates.
Which installed-base context is documented?	ControlLogix communication architecture.
Are related models automatic substitutes?	No. A sibling, repair code, suffix or engineering replacement is not an unconditional drop-in approval.
Must the physical label be checked?	Yes. Verify the model, revision, firmware and all order or configuration suffixes.

Official Rockwell Automation sources

Rockwell Automation 1756-DHRIO Product Page	https://www.rockwellautomation.com/en-us/products/details.1756-dhr.io.html
ControlLogix System Selection Guide	https://literature.rockwellautomation.com/idc/groups/literature/documents/sg/1756-sg001_-en-p.pdf
1756-DHRIO User Manual	https://literature.rockwellautomation.com/idc/groups/literature/documents/um/1756-um514_-en-p.pdf