

RFID SOLUTIONS

Increase Inventory Visibility in Industrial Facilities

The DC400 from Symbol Technologies delivers a high-performance RFID turnkey solution for premium inventory visibility of assets entering or leaving designated read zones within warehouses, distribution centers, cross dock locations and a variety of other applications. With the DC400, you can automatically identify and track inventory in motion on pallets, bundles of assets on skids or cases using radio frequency identification (RFID) technology.

The industrialized DC400 is ideal for placement at entrance and exit portals such as office doors, industrial dock doors, security gates or custom-designed portals on conveyor manufacturing lines. The system includes both multi-protocol RFID readers and high-performance antennas for fast, accurate reading of RFID tags. Designed from the start with ease of deployment in mind and built from point products, the DC400 portal solution expands the benefits of mobility – increased productivity, enhanced inventory visibility and real-time information access – to every asset that passes through the dock doors or portals.

Superior Asset Tracking for Every Facility

Within the DC400 system, an RFID reader directly connected to the local area network detects and processes signals from RFID tagged-assets. When assets pass through designated read zones, the RFID reader communicates the asset information to the system server, which is then communicated in real time to inventory and/or warehouse management systems (WMS). The DC400 leverages RFID's expanded information capability to capture details such as location, time and asset identity or number.

Seamless Networking Integration and Remote Management

The DC400 delivers a mature and intuitive application programming interface (API) with advanced networking options that include Ethernet and serial interfaces, SNMP and remote management. Its plug-and-play network interface ensures seamless integration and flexible connectivity to the enterprise.

Supports Single- or Dual-Dock Door Coverage

The DC400 is deployed with two or (optionally) four antennas to maximize installation flexibility. In typical scenarios, a DC400 with 4 antennas is installed between each door in a row of dock doors with a 2-antenna version installed at each end. It is built to sustain minor, non-direct pallet impacts and offers bolted installation to make the DC400 ideal for industrial and manufacturing environments, distribution centers, retail stores with backroom receiving areas and backroom-to-floor doorways, cargo and unloading areas and cross-dock locations.

For more information, contact us at +1.800.722.6234 or +1.631.738.2400, or visit us on the web at www.symbol.com/rfid.



FEATURES

BENEFITS

Dual-sided RFID coverage

Optimized for installation between dock doors with no cables crossing the dock door entry

Multi-protocol AR400 RFID reader

Supports all EPC™-compliant RFID tags

High-performance antennas

Ensures wide area, rapid communications between tags and readers

Range-adjustable motion sensor

Increases energy efficiency via selective activation

Plug-and-play

Offers pre-packaged system configuration for speedy deployments to reduce labor costs

Visual and audible indicators

Provides intuitive status and disposition for floor workers

Industrialized package for normal exposure and shock

Delivers increased durability to withstand tough conditions

IP54 certification for dust and water resistance

Ensures improved uptime in harsh, industrial environments

Adjustable service rack

Provides easier access to reader for repair

Services for a More Successful Mobility Solution

Symbol offers a full suite of services, including complete analysis, design, installation, training and ongoing support for the seamless deployment, management and continued support of your RFID solution.

DC400 Specification Highlights

Components

Reader:	AR400
Antenna:	High-Performance Area
Visual Indicators:	Light indicator box (optional)
Reader Control:	Motion sensor (optional)

Capabilities

Read Distance from Tag:	Up to 20+ ft.
Anti-Collision Capability:	Yes
Read/Write Capability:	Yes

Mechanical

Dimensions:	
Frame Envelope:	18.19 in. W x 9.06 in. D x 75.31 in. H (46.2 cm in. W x 23.3 cm D x 191.3 cm H)
Base Plate:	26.63 in. W x 9.88 in. D x 0.75 in. H (60.0 cm in. W x 25.1 cm D x 1.9 cm H)
Weight:	150 lbs (68.2 Kg)
Humidity:	5-95% R.H.
Operating Temperature Range:	-20° to 70° C (- 4° to 158° F)
Storage Temperature Range:	-40° to 85° C (-40° to 185° F)

Electrical

Frequency Range:	902-928 MHz
Sensing:	Passive-infrared (optional photoelectric)
Maximum Power Input:	100-120 volts AC, 50/60 Hz, 2.6 Amps
Connector:	0.5 in. electrical conduit

NOTICE: Repairs of this product may require the use of Symbol proprietary parts (and/or Symbol proprietary information). Symbol will sell these parts (and provide this proprietary information) only to end-user customers for self-service. It is Symbol's policy not to sell these parts to third-party service providers and not to allow a third-party service provider to act as an ordering or receiving agent for the parts necessary to repair this product. Applicable in the US. For all other countries, please contact your Symbol account manager or the local Symbol Customer Service representative in your area for further details.

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The Enterprise Mobility Company™



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