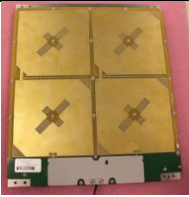


Product information

Model Number: UHIDX1901

The UHIDX1901 is a floor standing pedestal that houses an RFID Reader and up to four antenna panels. The antennas are multiplexed – only one panel is active at a time.

The antenna contains the following antenna panels:

Description	Part Number	Image
915 MHz Tuned Antenna	0312-7087-01	
868 MHz Tuned Antenna	0312-7087-02	

There are multiple configured versions of the pedestal as shown in the following part number table:

Table 1: Supported models for a Synergy RFID Only Pedestal System installation

System configuration	System description
Single-SR-UNL-XO-00-00	Single, unidirectional, left with Xovis
Single-SR-UNR-XO-00-00	Single, unidirectional, right with Xovis
Single-SR-BI-XO-EX-00	Single, bidirectional with Xovis
Single-SR-UNL-O8-00-00	Single, unidirectional, left with Orbit-8
Single-SR-UNR-O8-00-00	Single, unidirectional, right with Orbit-8
Single-SR-BI-O8-E8-00	Single, bidirectional with Orbit-8
Dual-SR-25-PC-00-00	Dual, 2.5 m
Dual-SR-25-PC-EX-00	Dual, 2.5 m with extensions, with Xovis
Dual-SR-25-O8-00-00	Dual, 2.5 m, with Orbit-8
Dual-SR-25-PC-E8-00	Dual 2.5 m
Dual-SR-25-O8-E8-00	Dual 2.5 m, with Orbit-8
Dual-SR-25-XO-EX-00	Dual 2.5 m, with extensions, with Xovis
Split-SR-25-PC-00-00	Split, 2.5 m
Split-SR-25-PC-EX-00	Split, 2.5 m with extensions, with Xovis
Split-SR-25-O8-00-00	Split, 2.5 m, with Orbit-8
Split-SR-25-PC-E8-00	Split, 2.5 m
Split-SR-25-O8-E8-00	Split, 2.5 m, with Orbit-8
Split-SR-25-XO-EX-00	Split, 2.5 m, with extensions, with Xovis
Quad-SR-25-PC-00-00	Quad, 2.5 m
Quad-SR-25-PC-EX-00	Quad, 2.5 m with extensions, with Xovis
Quad-SR-25-O8-00-00	Quad, 2.5 m, with Orbit-8
Quad-SR-25-PC-E8-00	Quad, 2.5 m
Quad-SR-25-O8-E8-00	Quad, 2.5 m, with Orbit-8
Quad-SR-25-XO-EX-00	Quad, 2.5 m, with extensions, with Xovis
1234D-SR-25-O8-00-00	2.5 m, with Orbit-8
1234D-SR-25-PC-E8-00	2.5 m
1234D-SR-25-O8-E8-00	2.5 m, with Orbit-8
1234D-SR-25-XO-EX-00	2.5 m, with extensions, with Xovis
DD-SR-25-XO-00-00	Dual dual, 2.5 m, with Xovis
DD-SR-25-XO-EX-00	Dual dual, 2.5 m, with extensions, with Xovis
DD-SR-25-PC-E8-00	Dual dual, 2.5 m
DD-SR-25-O8-E8-00	Dual dual, 2.5 m, with Orbit-8
DD-SR-25-O8-00-00	Dual dual, 2.5 m, with Orbit-8
SD-SR-25-PC-EX-00	Split dual, with shared zone, 2.5 m, with extensions, with Xovis

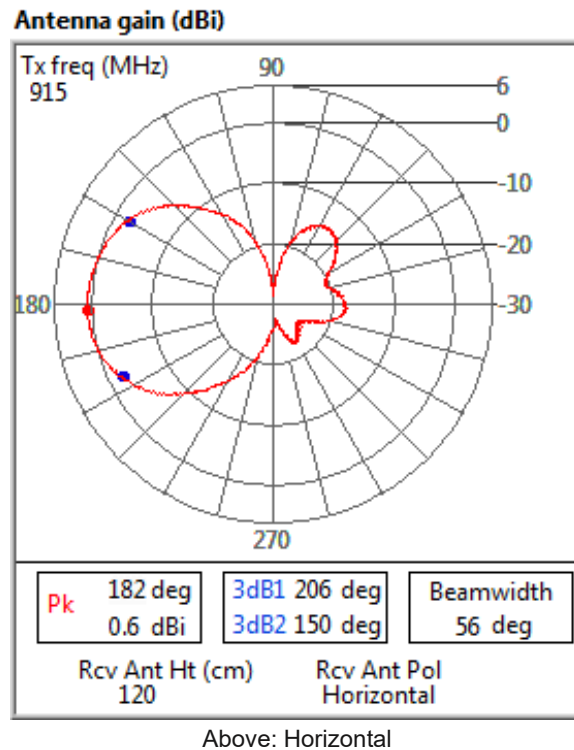
Table 1: Supported models for a Synergy RFID Only Pedestal System installation

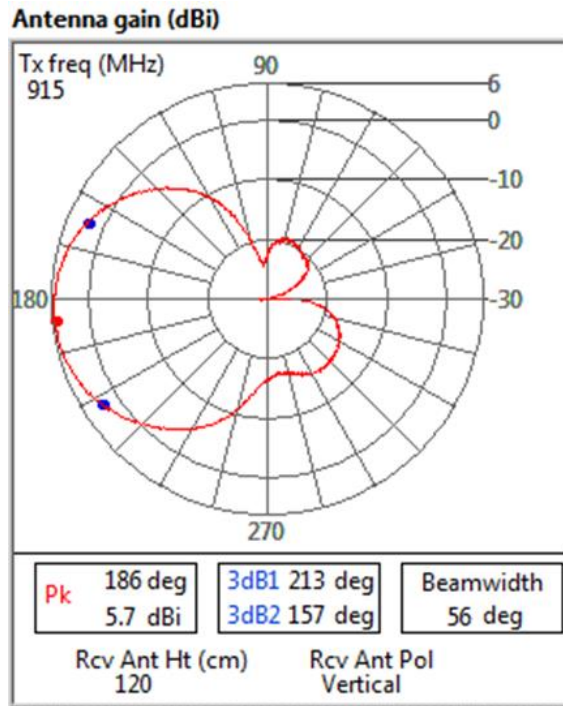
System configuration	System description
SD-SR-25-PC-ET-00	Split dual, with shared zone, 2.5 m, terminated extensions, no overhead people counter.
SD-SR-25-XO-00-00	Split dual, 2.5 m, with Xovis
SD-SR-25-XO-EX-00	Split dual, 2.5 m, with extensions, with Xovis
SD-SR-25-PC-E8-00	Split dual, 2.5 m
SD-SR-25-O8-E8-00	Split dual, 2.5 m, with Orbit-8
SD-SR-25-O8-00-00	Split dual, 2.5 m, with Orbit-8
SS-SR-25-PC-EX-00	Split split, with shared zone, 2.5 m, with extensions, with Xovis
SS-SR-25-PC-ET-00	Split split, with shared zone, 2.5 m, terminated extensions, no overhead people counter.
SS-SR-25-XO-00-00	Split split, 2.5 m, with Xovis
SS-SR-25-XO-EX-00	Split split, 2.5 m, with extensions, with Xovis
SS-SR-25-PC-E8-00	Split split, 2.5 m
SS-SR-25-O8-E8-00	Split split, 2.5 m, with Orbit-8
SS-SR-25-O8-00-00	Split split, 2.5 m, with Orbit-8
QS-SR-25-PC-EX-00	Quad split, 2.5 m, with extensions, with Xovis
QS-SR-25-PC-ET-00	Quad split, with shared zone, 2.5 m, terminated extensions, no overhead people counter.
QS-SR-25-XO-00-00	Quad split, 2.5 m, with Xovis
QS-SR-25-XO-EX-00	Quad split, 2.5 m, with extensions, with Xovis
QS-SR-25-PC-E8-00	Quad split, 2.5 m
QS-SR-25-O8-E8-00	Quad split, 2.5 m, with Orbit-8
QS-SR-25-O8-00-00	Quad split, 2.5 m, with Orbit-8
QQ-SR-25-PC-EX-00	Quad quad, 2.5 m, with extensions, with Xovis
QQ-SR-25-PC-ET-00	Quad quad, with shared zone, 2.5 m, terminated extensions, no overhead people counter.
QQ-SR-25-XO-00-00	Quad quad, 2.5 m, with Xovis
QQ-SR-25-XO-EX-00	Quad quad, 2.5 m, with extensions, with Xovis
QQ-SR-25-PC-E8-00	Quad quad, 2.5 m
QQ-SR-25-O8-E8-00	Quad quad, 2.5 m, with Orbit-8
QQ-SR-25-O8-00-00	Quad quad, 2.5 m, with Orbit-8

Specification	Description
Operating frequency	902 MHz to 928 MHz or 865 MHz to 868 MHz
Antenna technology	Patch
Radiation pattern	See below
Gain	6.0 dBiL
Voltage standing wave ratio (VSWR)	<2.0 (50 Ohms)
Beam width; AZ or EL	55 degrees
Polarization	Linear
Input impedance	50 Ω
Connector	RPSMA
Regulation	ROHS: EU Directive 2015/863 WEEE: EU Directive 2012/19/EU REACH: EC No 1907/2006 ETSI EN 302 208
IP rating	Indoor antenna IPX0
Temperature range	Operating: -20° to 65°C (-4° to 149°F)

	Storage: -40°C to 70°C, -40°F to 158°F
Humidity	5 to 95% non-condensing
Dimensions	Height: 165.0 cm (65.0 in) Width: 41.9 cm (16.5 in) Depth (at base w/o cover) 8.6 cm (3.4 in) Weight (w/o co ver) 7.1 kg (15.85 lb) Base cover weight: 1.7 kg (2.6 lb) Accent band weight 3.4 kg (7.6 lb)

Antenna radiation patterns





Above: Vertical

Product images



Other declarations

WARRANTY DISCLAIMER: Sensormatic USA, LLC makes no representation or warranty with respect to the contents hereof and specifically disclaims any implied warranties of merchantability or fitness for any particular purpose. Further, Sensormatic USA, LLC reserves the right to revise this publication and make changes from time to time in the content hereof without obligation of Sensormatic USA, LLC to notify any person of such revision or changes.

LIMITED RIGHTS NOTICE: For units of the Department of Defense, all documentation and manuals were developed at private expense and no part of it was developed using Government Funds. The restrictions governing the use and disclosure of technical data marked with this legend are set forth in the definition of "limited rights" in paragraph (a) (15) of the clause of DFARS 252.227.7013. Unpublished - rights reserved under the Copyright Laws of the United States.

TRADEMARK NOTICE: Sensormatic is a registered trademark of Sensormatic USA, LLC. Other product names mentioned herein may be trademarks or registered trademarks of Sensormatic or other companies.
No part of this guide may be reproduced in any form without written permission from Sensormatic USA, LLC.

© 2023 Johnson Controls. All rights reserved.