

# Specifications - DORI (Detect, Observe, Recognize, Identify)

Below DORI list is for cameras which were launched before Feb.2021.  
For DORI information of latest camera can be referred in each Spec. sheet.

Product number	Tele				Wide				Tele				Wide			
	Detect 25px/m	Observe 62.5px/m	Recognize 125px/m	Identify 250px/m	Detect 25px/m	Observe 62.5px/m	Recognize 125px/m	Identify 250px/m	Detect 8px/ft	Observe 19px/ft	Recognize 38px/ft	Identify 76px/ft	Detect 8px/ft	Observe 19px/ft	Recognize 38px/ft	Identify 76px/ft
*1 WV-X8570N	67.9m	27.2m	13.6m	6.8m					222.9ft	89.2ft	44.6ft	22.3ft				
WV-S8530N	79.2m	31.7m	15.8m	7.9m	37.5m	15.0m	7.5m	3.7m	259.9ft	103.9ft	52.0ft	26.0ft	122.9ft	49.2ft	24.6ft	12.3ft
WV-X6533LNS	3352.5m	1341.0m	670.5m	335.2m	85.9m	34.3m	17.2m	8.6m	10998.9ft	4399.5ft	2199.8ft	1099.9ft	281.7ft	112.7ft	56.3ft	28.2ft
WV-X6533LN	3352.5m	1341.0m	670.5m	335.2m	85.9m	34.3m	17.2m	8.6m	10998.9ft	4399.5ft	2199.8ft	1099.9ft	281.7ft	112.7ft	56.3ft	28.2ft
WV-S6532LNS	1804.9m	722.0m	361.0m	180.5m	85.9m	34.3m	17.2m	8.6m	5921.7ft	2368.7ft	1184.3ft	592.2ft	281.7ft	112.7ft	56.3ft	28.2ft
WV-S6532LN	1804.9m	722.0m	361.0m	180.5m	85.9m	34.3m	17.2m	8.6m	5921.7ft	2368.7ft	1184.3ft	592.2ft	281.7ft	112.7ft	56.3ft	28.2ft
WV-X6531NS	2933.4m	1173.3m	586.7m	293.3m	85.9m	34.3m	17.2m	8.6m	9623.9ft	3849.5ft	1924.8ft	962.4ft	281.7ft	112.7ft	56.3ft	28.2ft
WV-X6531N	2933.4m	1173.3m	586.7m	293.3m	85.9m	34.3m	17.2m	8.6m	9623.9ft	3849.5ft	1924.8ft	962.4ft	281.7ft	112.7ft	56.3ft	28.2ft
WV-X6511N	1833.3m	733.3m	366.7m	183.3m	53.7m	21.5m	10.7m	5.4m	6014.9ft	2406.0ft	1203.0ft	601.5ft	176.1ft	70.4ft	35.2ft	17.6ft
WV-S6530N	1618.2m	647.3m	323.6m	161.8m	69.5m	27.8m	13.9m	7.0m	5308.9ft	2123.6ft	1061.8ft	530.9ft	228.1ft	91.3ft	45.6ft	22.8ft
WV-S6131	3352.5m	1341.0m	670.5m	335.2m	85.9m	34.3m	17.2m	8.6m	10998.9ft	4399.5ft	2199.8ft	1099.9ft	281.7ft	112.7ft	56.3ft	28.2ft
WV-S6130	1564.2m	625.7m	312.8m	156.4m	69.5m	27.8m	13.9m	7.0m	5131.9ft	2052.8ft	1026.4ft	513.2ft	228.1ft	91.3ft	45.6ft	22.8ft
WV-S6111	2095.3m	838.1m	419.1m	209.5m	53.7m	21.5m	10.7m	5.4m	6874.3ft	2749.7ft	1374.9ft	687.4ft	176.1ft	70.4ft	35.2ft	17.6ft
*1 WV-S3532LM	41.7m	16.7m	8.3m	4.2m					136.7ft	54.7ft	27.3ft	13.7ft				
*1 WV-S3531L	41.7m	16.7m	8.3m	4.2m					136.7ft	54.7ft	27.3ft	13.7ft				
*1 WV-S3512LM	22.6m	9.1m	4.5m	2.3m					74.3ft	29.7ft	14.9ft	7.4ft				
*1 WV-S3511L	22.6m	9.1m	4.5m	2.3m					74.3ft	29.7ft	14.9ft	7.4ft				
*1 WV-S3131L	41.7m	16.7m	8.3m	4.2m					136.7ft	54.7ft	27.3ft	13.7ft				
*1 WV-S3111L	22.6m	9.1m	4.5m	2.3m					74.3ft	29.7ft	14.9ft	7.4ft				
WV-X2571LN	157.5m	63.0m	31.5m	15.7m	63.3m	25.3m	12.7m	6.3m	516.6ft	206.6ft	103.3ft	51.7ft	207.7ft	83.1ft	41.5ft	20.8ft
WV-X2551LN	207.4m	83.0m	41.5m	20.7m	48.9m	19.5m	9.8m	4.9m	680.5ft	272.2ft	136.1ft	68.1ft	160.3ft	64.1ft	32.1ft	16.0ft
WV-S2572L	157.5m	63.0m	31.5m	15.7m	63.3m	25.3m	12.7m	6.3m	516.6ft	206.6ft	103.3ft	51.7ft	207.7ft	83.1ft	41.5ft	20.8ft
WV-S2570L	157.5m	63.0m	31.5m	15.7m	63.3m	25.3m	12.7m	6.3m	516.6ft	206.6ft	103.3ft	51.7ft	207.7ft	83.1ft	41.5ft	20.8ft
WV-S2552L	207.4m	83.0m	41.5m	20.7m	48.9m	19.5m	9.8m	4.9m	680.5ft	272.2ft	136.1ft	68.1ft	160.3ft	64.1ft	32.1ft	16.0ft
WV-S2550L	207.4m	83.0m	41.5m	20.7m	48.9m	19.5m	9.8m	4.9m	680.5ft	272.2ft	136.1ft	68.1ft	160.3ft	64.1ft	32.1ft	16.0ft
WV-S2531LTN	389.7m	155.9m	77.9m	39.0m	164.3m	65.7m	32.9m	16.4m	1278.6ft	511.4ft	255.7ft	127.9ft	539.0ft	215.6ft	107.8ft	53.9ft
WV-S2531LN	184.8m	73.9m	37.0m	18.5m	41.0m	16.4m	8.2m	4.1m	606.2ft	242.5ft	121.2ft	60.6ft	134.4ft	53.8ft	26.9ft	13.4ft
WV-S2511LN	115.5m	46.2m	23.1m	11.5m	25.6m	10.2m	5.1m	2.6m	378.9ft	151.5ft	75.8ft	37.9ft	84.0ft	33.6ft	16.8ft	8.4ft
WV-X2271L	157.5m	63.0m	31.5m	15.7m	63.3m	25.3m	12.7m	6.3m	516.6ft	206.6ft	103.3ft	51.7ft	207.7ft	83.1ft	41.5ft	20.8ft
WV-X2251L	207.4m	83.0m	41.5m	20.7m	47.1m	18.9m	9.4m	4.7m	680.5ft	272.2ft	136.1ft	68.1ft	154.7ft	61.9ft	30.9ft	15.5ft
WV-S2272L	157.5m	63.0m	31.5m	15.7m	63.3m	25.3m	12.7m	6.3m	516.6ft	206.6ft	103.3ft	51.7ft	207.7ft	83.1ft	41.5ft	20.8ft
WV-S2270L	157.5m	63.0m	31.5m	15.7m	63.3m	25.3m	12.7m	6.3m	516.6ft	206.6ft	103.3ft	51.7ft	207.7ft	83.1ft	41.5ft	20.8ft
WV-S2252L	207.4m	83.0m	41.5m	20.7m	47.1m	18.9m	9.4m	4.7m	680.5ft	272.2ft	136.1ft	68.1ft	154.7ft	61.9ft	30.9ft	15.5ft
WV-S2250L	207.4m	83.0m	41.5m	20.7m	47.1m	18.9m	9.4m	4.7m	680.5ft	272.2ft	136.1ft	68.1ft	154.7ft	61.9ft	30.9ft	15.5ft
WV-S2231L	184.8m	73.9m	37.0m	18.5m	41.0m	16.4m	8.2m	4.1m	606.2ft	242.5ft	121.2ft	60.6ft	134.4ft	53.8ft	26.9ft	13.4ft
WV-S2211L	115.5m	46.2m	23.1m	11.5m	25.6m	10.2m	5.1m	2.6m	378.9ft	151.5ft	75.8ft	37.9ft	84.0ft	33.6ft	16.8ft	8.4ft
WV-S2131L	184.8m	73.9m	37.0m	18.5m	41.0m	16.4m	8.2m	4.1m	606.2ft	242.5ft	121.2ft	60.6ft	134.4ft	53.8ft	26.9ft	13.4ft
WV-S2131	184.8m	73.9m	37.0m	18.5m	41.0m	16.4m	8.2m	4.1m	606.2ft	242.5ft	121.2ft	60.6ft	134.4ft	53.8ft	26.9ft	13.4ft
WV-S2130	184.8m	73.9m	37.0m	18.5m	41.0m	16.4m	8.2m	4.1m	606.2ft	242.5ft	121.2ft	60.6ft	134.4ft	53.8ft	26.9ft	13.4ft
WV-S2111L	115.5m	46.2m	23.1m	11.5m	25.6m	10.2m	5.1m	2.6m	378.9ft	151.5ft	75.8ft	37.9ft	84.0ft	33.6ft	16.8ft	8.4ft
WV-S2110	115.5m	46.2m	23.1m	11.5m	25.6m	10.2m	5.1m	2.6m	378.9ft	151.5ft	75.8ft	37.9ft	84.0ft	33.6ft	16.8ft	8.4ft
WV-X1571LN	154.0m	61.6m	30.8m	15.4m	60.0m	24.0m	12.0m	6.0m	505.4ft	202.1ft	101.1ft	50.5ft	196.9ft	78.7ft	39.4ft	19.7ft
WV-X1551LN	201.0m	80.4m	40.2m	20.1m	46.3m	18.5m	9.3m	4.6m	659.3ft	263.7ft	131.9ft	65.9ft	151.9ft	60.8ft	30.4ft	15.2ft
WV-S1572L	154.0m	61.6m	30.8m	15.4m	60.0m	24.0m	12.0m	6.0m	505.4ft	202.1ft	101.1ft	50.5ft	196.9ft	78.7ft	39.4ft	19.7ft
WV-S1570L	154.0m	61.6m	30.8m	15.4m	60.0m	24.0m	12.0m	6.0m	505.4ft	202.1ft	101.1ft	50.5ft	196.9ft	78.7ft	39.4ft	19.7ft
WV-S1552L	201.0m	80.4m	40.2m	20.1m	46.3m	18.5m	9.3m	4.6m	659.3ft	263.7ft	131.9ft	65.9ft	151.9ft	60.8ft	30.4ft	15.2ft
WV-S1550L	201.0m	80.4m	40.2m	20.1m	46.3m	18.5m	9.3m	4.6m	659.3ft	263.7ft	131.9ft	65.9ft	151.9ft	60.8ft	30.4ft	15.2ft
WV-S1531LTN	389.7m	155.9m	77.9m	39.0m	164.3m	65.7m	32.9m	16.4m	1278.6ft	511.4ft	255.7ft	127.9ft	539.0ft	215.6ft	107.8ft	53.9ft
WV-S1531LNS	177.4m	71.0m	35.5m	17.7m	40.3m	16.1m	8.1m	4.0m	582.1ft	232.8ft	116.4ft	58.2ft	132.1ft	52.8ft	26.4ft	13.2ft
WV-S1531LN	177.4m	71.0m	35.5m	17.7m	40.3m	16.1m	8.1m	4.0m	582.1ft	232.8ft	116.4ft	58.2ft	132.1ft	52.8ft	26.4ft	13.2ft
WV-S1511LN	110.9m	44.4m	22.2m	11.1m	25.2m	10.1m	5.0m	2.5m	363.8ft	145.5ft	72.8ft	36.4ft	82.5ft	33.0ft	16.5ft	8.3ft
WV-U2542L	130.0m	52.0m	26.0m	13.0m	43.0m	17.2m	8.6m	4.3m	426.4ft	170.6ft	85.3ft	42.6ft	141.0ft	56.4ft	28.2ft	14.1ft
*1 WV-U2540L	43.0m	17.2m	8.6m	4.3m					141.0ft	56.4ft	28.2ft	14.1ft				
WV-U2532L	101.5m	40.6m	20.3m	10.1m	36.8m	14.7m	7.4m	3.7m	333.0ft	133.2ft	66.6ft	33.3ft	120.8ft	48.3ft	24.2ft	12.1ft
*1 WV-U2530L	37.5m	15.0m	7.5m	3.7m					122.9ft	49.2ft	24.6ft	12.3ft				
WV-U2142L	126.7m	50.7m	25.3m	12.7m	41.5m	16.6m	8.3m	4.1m	415.8ft	166.3ft	83.2ft	41.6ft	136.0ft	54.4ft	27.2ft	13.6ft
*1 WV-U2140L	43.0m	17.2m	8.6m	4.3m					141.0ft	56.4ft	28.2ft	14.1ft				
WV-U2132L	98.5m	39.4m	19.7m	9.8m	36.2m	14.5m	7.2m	3.6m	323.1ft	129.2ft	64.6ft	32.3ft	118.7ft	47.5ft	23.7ft	11.9ft
*1 WV-U2130L	37.5m	15.0m	7.5m	3.7m					122.9ft	49.2ft	24.6ft	12.3ft				
WV-U1542L	126.7m	50.7m	25.3m	12.7m	40.7m	16.3m	8.1m	4.1m	415.8ft	166.3ft	83.2ft	41.6ft	133.6ft	53.4ft	26.7ft	13.4ft
WV-U1532L	98.5m	39.4m	19.7m	9.8m	35.5m	14.2m	7.1m	3.6m	323.1ft	129.2ft	64.6ft	32.3ft	116.6ft	46.6ft	23.3ft	11.7ft
WV-U1142	126.7m	50.7m	25.3m	12.7m	40.7m	16.3m	8.1m	4.1m	415.8ft	166.3ft	83.2ft	41.6ft	133.6ft	53.4ft	26.7ft	13.4ft
WV-U1132	98.5m	39.4m	19.7m	9.8m	35.5m	14.2m	7.1m	3.6m	323.1ft	129.2ft	64.6ft	32.3ft	116.6ft	46.6ft	23.3ft	11.7ft
*1 WV-U1130	36.2m	14.5m	7.2m	3.6m					118.7ft	47.5ft	23.7ft	11.9ft				

\*1 The Wide value is blank because the camera does not have an optical zoom.

Product number	Distance to the object in the center of the image				Coverage radius when mounted at a height of 3 m (10 ft)				Distance to the object in the center of the image				Coverage radius when mounted at a height of 3 m (10 ft)			
	Detect 25px/m	Observe 62.5px/m	Recognize 125px/m	Identify 250px/m	Detect 25px/m	Observe 62.5px/m	Recognize 125px/m	Identify 250px/m	Detect 8px/ft	Observe 19px/ft	Recognize 38px/ft	Identify 76px/ft	Detect 8px/ft	Observe 19px/ft	Recognize 38px/ft	Identify 76px/ft
WV-X4573LM	29.9m	12.0m	6.0m	3.0m	56.1m	20.6m	8.4m	0.3m	98.2ft	39.3ft	19.6ft	9.8ft	184.2ft	67.6ft	27.6ft	0.9ft
WV-X4573L	29.9m	12.0m	6.0m	3.0m	56.1m	20.6m	8.4m	0.3m	98.2ft	39.3ft	19.6ft	9.8ft	184.2ft	67.6ft	27.6ft	0.9ft
WV-X4173	29.9m	12.0m	6.													