

# ORCA CONNECT

2-8°C, 15-25°C, -20°C, DRY ICE



TEMPERATURE  
CONTROLLED  
PACKAGING



**ORCA Connect is a high performance, passive, temperature controlled packaging range designed with full integration capability for real-time tracking. ORCA Connect allows for the usage of various tracking solutions for your temperature critical payloads. Not bound by a specific hardware ORCA Connect provides the freedom to utilise the optimum tracking solution for your requirements, ensuring you are always connected.**

ORCA Connect is pre-qualified and offers outstanding performance of a minimum 96 hours against ISTA 7D testing standards, meaning costly temperature excursions are avoided. This exceptional performance is achieved through the combination of innovative phase change materials (PCM) and vacuum insulation technology.

The ORCA Connect is a multi-use solution and is available for both purchase and to rent. ORCA Connect rental can also be combined with IntelSius Fulfilment services. This means you can build your own fleet of systems or rent pre-conditioned systems equipped with a tracking solution of your choice on a pay per trip basis.

## Features

- High performance passive temperature controlled packaging
- Minimum performance: 96 hours against ISTA 7D
- Dedicated and secure space outside of payload but inside packaging for tracking hardware
- Available in four sizes across three temperature ranges
- Dedicated and secure space outside of payload but inside packaging for supplies or documents
- Available for purchase and for rent
- Potential real-time tracking capabilities for:

External temperature

Internal temperature

Exact location

Orientation

Battery status

For more information please contact IntelSius UK [compliance@intelsius.com](mailto:compliance@intelsius.com)

## PCM ORCA CONNECT SOLUTIONS

Code	Product Name	External Dimensions	Payload Dimensions	Payload Volume	Mass	Volumetric Weight L/6	Duration*
OMX111	ORCA Connect 2-8°C 4L	362 x 321 x 322 mm 14.3 x 12.6 x 12.7 in	165 x 165 x 165 mm 6.5 x 6.5 x 6.5 in	4.5 L	8.2 kg 18.0 lbs	6.2 kgvol <sup>c</sup> 13.8 lbsvol <sup>c</sup>	96+
OMX221	ORCA Connect 2-8°C 11L	426 x 386 x 388 mm 16.8 x 15.2 x 15.3 in	227 x 227 x 227 mm 8.9 x 8.9 x 8.9 in	11.7 L	13.1 kg 28.9 lbs	10.6 kgvol <sup>c</sup> 23.4 lbsvol <sup>c</sup>	96+
OMX331	ORCA Connect 2-8°C 23L	484 x 446 x 448 mm 19.1 x 17.6 x 17.6 in	287 x 287 x 287 mm 11.3 x 11.3 x 11.3 in	23.6 L	18.8 kg 41.4 lbs	16.1 kgvol <sup>c</sup> 35.5 lbsvol <sup>c</sup>	96+
OMX441	ORCA Connect 2-8°C 50L	560 x 520 x 520 mm 22.0 x 20.5 x 20.5 in	369 x 369 x 369 mm 14.5 x 14.5 x 14.5 in	50.2 L	25.9 kg 57.1 lbs	25.2 kgvol <sup>c</sup> 55.6 lbsvol <sup>c</sup>	96+
OMX112	ORCA Connect 15-25°C 4L	362 x 321 x 322 mm 14.3 x 12.6 x 12.7 in	165 x 165 x 165 mm 6.5 x 6.5 x 6.5 in	4.5 L	8.7 kg 19.2 lbs	6.2 kgvol <sup>c</sup> 13.8 lbsvol <sup>c</sup>	96+
OMX222	ORCA Connect 15-25°C 11L	426 x 386 x 388 mm 16.8 x 15.2 x 15.3 in	227 x 227 x 227 mm 8.9 x 8.9 x 8.9 in	11.7 L	14.3 kg 31.6 lbs	10.6 kgvol <sup>c</sup> 23.4 lbsvol <sup>c</sup>	96+
OMX332	ORCA Connect 15-25°C 23L	484 x 446 x 448 mm 19.1 x 17.6 x 17.6 in	287 x 287 x 287 mm 11.3 x 11.3 x 11.3 in	23.6 L	20.7 kg 45.6 lbs	16.1 kgvol <sup>c</sup> 35.5 lbsvol <sup>c</sup>	96+
OMX442	ORCA Connect 15-25°C 50L	560 x 520 x 520 mm 22.0 x 20.5 x 20.5 in	369 x 369 x 369 mm 14.5 x 14.5 x 14.5 in	50.2 L	28.6 kg 63.1 lbs	25.2 kgvol <sup>c</sup> 55.6 lbsvol <sup>c</sup>	96+
OMX113	ORCA Connect -15°C to -25°C 4L	362 x 321 x 322 mm 14.3 x 12.6 x 12.7 in	165 x 165 x 165 mm 6.5 x 6.5 x 6.5 in	4.5 L	8.5 kg 18.7 lbs	6.2 kgvol <sup>c</sup> 13.8 lbsvol <sup>c</sup>	96+
OMX223	ORCA Connect -15°C to -25°C 11L	426 x 386 x 388 mm 16.8 x 15.2 x 15.3 in	227 x 227 x 227 mm 8.9 x 8.9 x 8.9 in	11.7 L	15.2 kg 33.5 lbs	10.6 kgvol <sup>c</sup> 23.4 lbsvol <sup>c</sup>	96+
OMX333	ORCA Connect -15°C to -25°C 23L	484 x 446 x 448 mm 19.1 x 17.6 x 17.6 in	287 x 287 x 287 mm 11.3 x 11.3 x 11.3 in	23.6 L	22.0 kg 48.5 lbs	16.1 kgvol <sup>c</sup> 35.5 lbsvol <sup>c</sup>	96+
OMX443	ORCA Connect -15°C to -25°C 50L	560 x 520 x 520 mm 22.0 x 20.5 x 20.5 in	369 x 369 x 369 mm 14.5 x 14.5 x 14.5 in	50.2 L	27.2 kg 59.9 lbs	25.2 kgvol <sup>c</sup> 55.6 lbsvol <sup>c</sup>	96+

\*Duration tested against ISTA 7D Summer and Winter profiles, duration shows the lowest duration of these tests rounded down to the nearest 24 hours.

## DRY ICE ORCA CONNECT SOLUTIONS

Code	Product Name	External Dimensions	Internal Dimensions	Internal Volume	Payload Volume	Mass	Dry Ice Mass	Volumetric Weight L/6	Duration*
OMX100DI	ORCA CONNECT SMALL DI	362 x 321 x 322 mm 14.3 x 12.6 x 12.7 in	218 x 218 x 218 mm 8.6 x 8.6 x 8.6 in	10.4 L	1.5 L	4.0 kg 8.8 lbs	7.0 kg 15.4 lbs	6.2 kgvol <sup>c</sup> 13.8 lbsvol <sup>c</sup>	120+
OMX200DI	ORCA CONNECT MEDIUM DI	426 x 386 x 388 mm 16.8 x 15.2 x 15.3 in	280 x 280 x 280 mm 11.0 x 11.0 x 11.0 in	21.9 L	6.5 L	6.2 kg 13.7 lbs	12.0 kg 26.5 lbs	10.6 kgvol <sup>c</sup> 23.9 lbsvol <sup>c</sup>	120+
OMX300DI	ORCA CONNECT LARGE DI	484 x 446 x 448 mm 19.1 x 17.6 x 17.6 in	340 x 340 x 340 mm 13.3 x 13.3 x 13.3 in	39.3 L	21.5 L	8.4 kg 18.5 lbs	14.0 kg 30.9 lbs	16.1 kgvol <sup>c</sup> 35.5 lbsvol <sup>c</sup>	120+
OMX400DI	ORCA CONNECT EX- LARGE DI	560 x 520 x 520 mm 22.0 x 20.5 x 20.5 in	420 x 420 x 420 mm 16.5 x 16.5 x 16.5 in	74.1 L	50.0 L	10.7 kg 23.6 lbs	16.0 kg 35.3 lbs	25.2 kgvol <sup>c</sup> 55.6 lbsvol <sup>c</sup>	120+

\*Duration tested against ISTA 7D Summer profile, Duration shows the time the payload remained below -20°C rounded down to the nearest 24 hours.

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