

iCover™

The iCover allows you to have real time eyes and ears on your infrastructure networks. Based on the popular MAESTRO™ DN600 hinged manhole access cover, the iCover™ is an essential component in understanding the performance of your networks.



TECHNICAL GUIDE: **CG2.5**

Applications

Information portals for sewer, stormwater, water, gas, lighting, electricity and telecommunications

High intensity traffic environments

Product Attributes

Real time monitoring

LPWA signal technology

Completely sealed hinge cavity

Special automotive grade EPDM seal for ultimate stability and longevity

Semicircular seating profile ensures a tight seal that prevents odours escaping, and limits water ingress.

Approval/Standards

AS3996:2006 Class D

Quality

ISO 9001:2008 Quality Management System

Manufactured in France in Ductile Iron Grade 500/7

Real time eyes and ears on your infrastructure networks.

Features

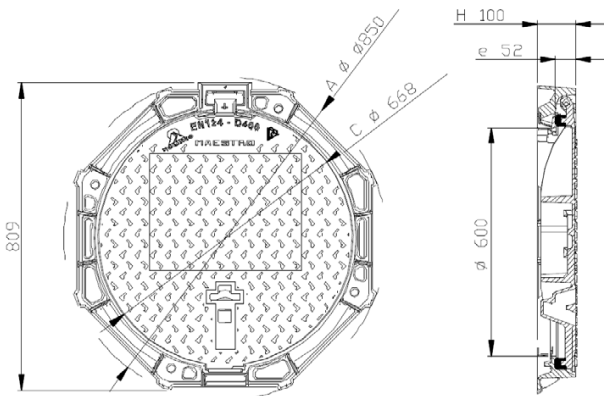
iCover™ is an innovative solution that utilises manhole access covers as information portals and gathers data on a network and transmits that information via a low power wide area network (LPWA) to a data collection hub. Because manhole covers are located on top of many strategic assets such as sewer, stormwater, water, gas, lighting, electricity and telecommunications, they are ideal to use for essential data collection. In short, these static 'lumps of iron' can now be converted into intelligent e-monitoring systems with iCover™.

With the EJ iCover™, and the sensor of your choice you can monitor networks streaming real time information to review water levels, flow rates, temperature, presence of steam and many other indicators.



FIG. 1 iCover with sensor

Dimensions



Testing

Tested by independent third party to load rating of Class D in accordance with AS3996.

Hygrade code	Description
ICOVER-T	Twino Hynds Cover & Frame with iCover Insert
ICOVER-MX	Maestro Plain Cover & Frame with iCover Insert
ICOVER-M	Maestro Hynds Cover & Frame with iCover Insert



FIG. 2 iCover installation



Scan for more information

Disclaimer: While every effort has been made to ensure that the information in this document is correct and accurate, users of Hygrade Water product or information within this document must make their own assessment of suitability for their particular application. Product dimensions are nominal only, and should be verified if critical to a particular installation. No warranty is either expressed, implied, or statutory made by Hygrade Water unless expressly stated in any sale and purchase agreement entered into between Hygrade Water and the user.

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