



# ENISCOPE AIR DIGITAL

Introduce the power of IoT smart building technology to your operation.

## Overview

**Eniscope Air Digital is a versatile, multi-functional IoT device capable of delivering a raft of smart building functionality to a huge variety of premises. It offers two key benefits via its control technology – energy saving and operational.**

On the **energy saving side**, Air Digital delivers binary control of key assets by controlling the contactors that facilitate power to that asset. Working in line with a schedule set in the Cloud and delivered by the central Eniscope hub, Air Digital switches your devices on and off for optimum efficiency.

On the **operational side**, Air Digital's switching capabilities extend to alarms and indicators – allowing you to create a set of smart alarms around your building; alerting staff to chiller doors left ajar, low soap levels in car washes, low oil levels in heating systems and so on. The possibilities are endless.

## The Specifics

Supporting 3 output relays with 600V isolation, Air Digital can independently control separate devices at 250V 5A for resistive loads. Higher, inductive or multi-phase loads are switched using contactors under the control of the Eniscope Air Digital. Fryers are a huge energy drain in a restaurant. Using Air Digital, we can schedule those fryers on and off in line with the needs of the restaurant – avoiding out of hours consumption and over-provision. The result is big energy savings.

**As with all Eniscope Air products, this device does not require a WiFi connection.**

## Core Functionality



Asset Cloud Scheduling (3-Phase)

Low Fill-Level Detection

Operational Alarms

Water & Gas Meter Consumption Tracking

## Key features

<b>Supply Voltage</b>	12 to 30V AC/DC – 1 amp continuous. 300mA mains converter module 100-277 VAC.
<b>Fuse Rating</b>	Internal 500mA auto reset type
<b>Output Relay Ratings</b>	5 amps Resistive @ 250 VAC 1 amp Inductive @ 250 VAC
<b>Output Terminal Ratings</b>	Output terminal Ratings
<b>Switch Circuit Current Rating</b>	20 amps Resistive
<b>External Power Supply</b>	24 VDC, 50mA
<b>External Power Supply Fuse</b>	Internal 100mA auto reset type
<b>Digital Inputs x 4</b>	Volt Free or Powered Inputs. Maximum external device supply current 50mA, 24 VDC
<b>Enclosure Type</b>	Polycarbonate
<b>Enclosure Rating</b>	IP20
<b>Operating Temperature</b>	-20 - +60°
<b>Altitude</b>	1000M

<b>Dimensions</b>	H106, W123, D38mm Height excludes cable glands
<b>Weight</b>	0.250Kg
<b>Safety</b>	EN 60730-1:2016
<b>LoRa Wireless Bands</b>	Band 1 - 16 Channels, 865MHz – 870MHz Band 2 - 16 Channels, 915MHz – 925MHz



The Eniscope Air Digital device is a key component of our smart building solution. Its impact on energy saving is huge, with the ability to schedule and optimise some of the most energy intensive devices on-site. But the IoT control possibilities are truly exciting.

## Discover the full range



**No WiFi connection Required.**

With a dependable LoRa network, this device limits the need for unreliable and costly WiFi networking.