



TRANSDIGITAL

Transdigital is an
R&D company
specialising
in advanced
electronics and
communications.

The engineering team has created some of the most respected fire signalling technologies over 20 years operating across a wide range of buildings and facilities.

Today, the focus is on integration of advanced sensors with alarm signals in an IoT environment to comprehensively deliver accurate real-time information to greatly improve fire management.





FIRE ALARM TRANSMISSION TECHNOLOGY

TransDigital has developed the most advanced fire alarm transmission technology (ATE) available today.

The core ATE device is capable of directly monitoring multiple smoke and heat detectors and inputs from Fire Interface Panels (FIP). Alarm messages are passed through multiple pathways to a monitoring and response centre. Commercial buildings with Fire Interface Panels are fully supported via standard relay contact monitoring or direct communication with the FIP.

In addition, the ATE can link wireless Smoke and Thermal Imaging detectors by Wi-Fi, and mesh networks, to provide the most comprehensive fire detection and warning system ever available.

High resolution, colour, touch screen displays current status of all ATE inputs, status and settings

Conforms to the highest international fire detection and transmission standards with additional features to ensure 99.95% reliability with a service life of 10 years.

Single or dual modem configurations with flexible connectivity options from 3G to Cat-M1.

Mobile phone authentication for servicing, installation and configuration (with or without internet coverage)

Scalable to hundreds of thousands of devices via fully customizable cloud based monitoring and maintenance system ***private cloud option available**

Connection to the fire service Computer Aided Dispatch (CAD) system. Numerous CAD interface protocols are supported and custom protocols are available.

Real time hazard assessment of Fire Alarm location and extent

Multiple best in class security and tamper prevention features

Master/Slave configurations available

Expandable via various plugin modules to add additional functionality



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