Intrusion & Access Control Security Panel



Discovery System Architecture











Monitoring Centre

For more information, visit https://aritech.com.au/ultrasync/



UltraSync

Cloud-based Management and Event Routing



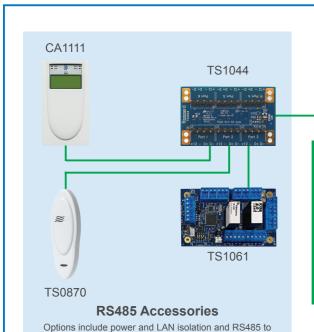
WMS Pro / CT Plus

Management and Programming software

Onboard Web Interface

Discovery programming tool





multi-mode fiber support.

Discovery RS485 (LAN)

RS485 BUS 2 / 3 -

Cloud delivery

(CID Alarm

Transmissions)

Three physical, segregated RS485 termination ports are provided for convenience and expansion. Devices can be connected in star or multi-drop configuration.

Refer to the Discovery rogramming Manual for more information



RS485 BUS 1

TSX16000

USB Expanders

4G and Wifi USB expanders are available to connect Discovery to Ultrasync, Management Software, and the onboard web interface.

TSX17000

NOTE: This guide shows a simplified view of a Discovery system. More connections, parts and solutions are available to suit various installations.

Reach out to a Tecom Distributor or Aritech representative to discuss the best solutions for your installation.



Keypads and Readers

Several options are available, and can be connected directly via RS485 to the Discovery panel for intrusion and standard door functions, or to a NAC for door based functions

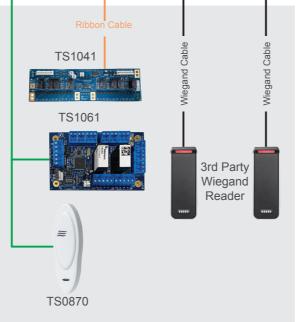


Intelligent Doors & Lifts

NOTE: Limited to one format per BUS.

The Network Access Controller (NAC) series enables intelligent features such as offline redundancy. anti-pass back, interlocking, region control, OSDP support & wireless locking integration. Two Sub RS485 BUS' can also be used to support intrusion devices or other selected peripherals.

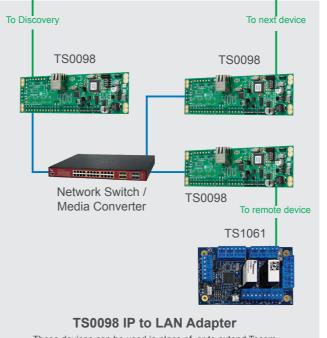
For more information, please refer to the Tecom Access Controller Selection Guide.



TSX10000

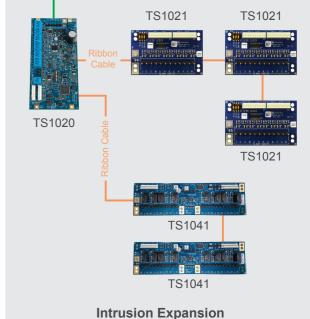
Standard Doors & Lifts

Made from combinations of readers, inputs and relays onboard the Discovery panel or attached via RS485 (door controller not required). For more information, please refer to the Tecom Access Controller Selection Guide



These devices can be used in place of, or to extend Tecom RS485 over Ethernet, use media converters for Fiber extensions. TS0098 can be one to one, or one to many.

All Tecom devices are supported.



The intrusion system (motion detectors, reed switches, glass break sensors etc.) is expanded using Data Gathering Panels (DGPs). Attached to these devices are expanders, connected by convenient ribbon cables



About Aritech

Aritech provides leading security and life-safety solutions for both commercial and residential applications covering intrusion, video, transmission and access. Offering some of the most-trusted product names in the industry, and backed by ongoing partner services and support, Aritech helps customers secure and protect what matters most.

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