



This brochure details information about the MTP16 Multi-Threat Perception Control Module, the product supplied by Patronus Systems. For details on this product please visit [www.patronussystems.com](http://www.patronussystems.com). If you have any comments about the product, the content in this document, or its technical components, please contact Patronus Systems.

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The ATM industry is ready for a solution like the CSD-ARCIS. The future potential of this device makes it the most exciting ATM physical security product around.



THE LATEST MULTI-CHANNEL  
ADVANCED DETECTION  
SYSTEM IS DESIGNED TO  
ENHANCE THE CSD-ARCIS  
CONTROL SYSTEM.



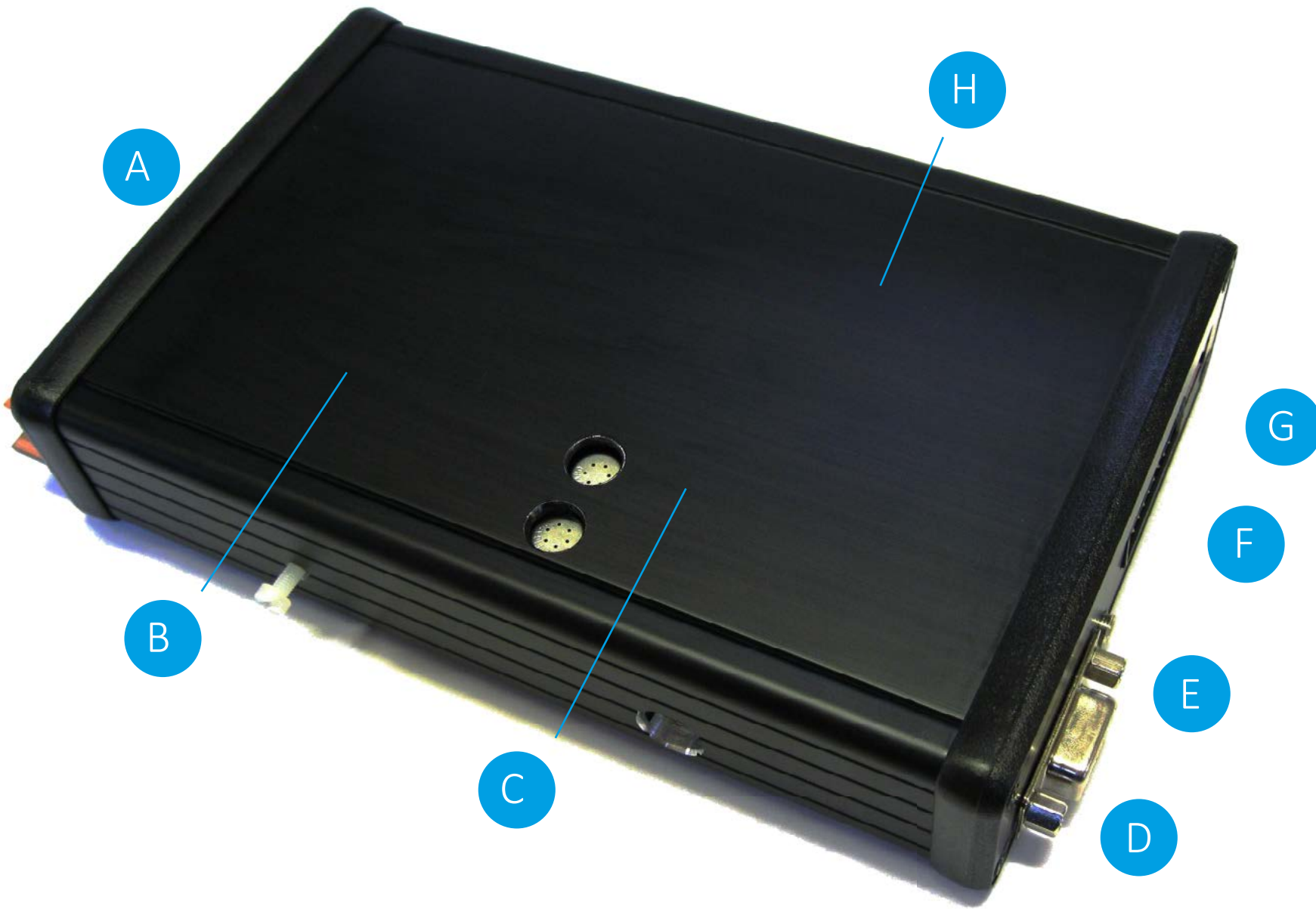


## INTRODUCTION

The MTP16 Control Module is a highly configurable and adaptable detection system with built in gas, heat and motion perception. Specifically designed to provide synergistic detection for the CSD-ARCIS control system.

## WHAT IS THE CSD-ARCIS?

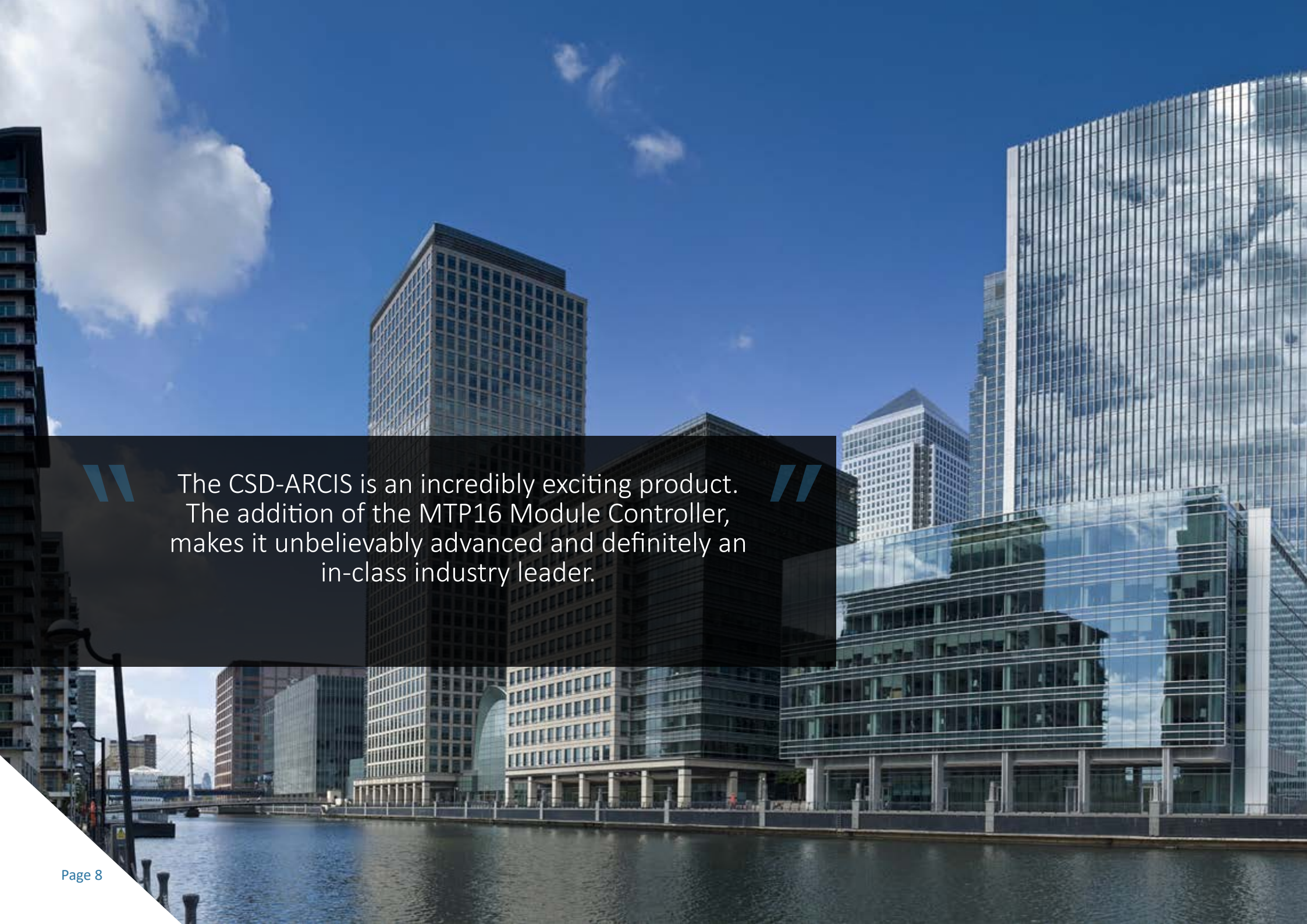
Designed as the ultimate in theft deterrent, the CSD-ARCIS is a revolution in bank note protection. The Cash Spoiling Device, CSD-ARCIS, has taken on this industry problem and made it our mission to move one step closer to completely eradicating bank note theft.



OUR ATTITUDE TO  
QUALITY - DESIGN &  
MANUFACTURE THE  
BEST SECURITY  
PRODUCT ON THE  
MARKET, THEN  
MAKE IT EVEN  
BETTER.

## KEY FEATURES

- Motion sensor (2.5D Proportional movement / Tremble detection) (See point H).
- 2300mAh Battery back-up (Approx 12 hours) (See point B)
  - Low power consumption (<190mA @ 5V).
- Gas detection daughter board (See point C).
  - Self calibrating twin sensors.
  - Self compensating.
  - Sensor working life monitored.
  - Multi-gas detection (Methane, Carbon Monoxide.
  - Iso-Butane, Ethanol, Hydrogen, LPG, Alcohol, Oxy Acetylene, Smoke and Benzene).

A photograph of a modern city skyline with several tall glass skyscrapers. The buildings are reflected in the water in the foreground. The sky is blue with some white clouds. A dark semi-transparent box is overlaid on the middle of the image, containing white text. The text is flanked by two blue double-slash symbols. The bottom left corner of the page is white with a diagonal cut.

“ The CSD-ARCIS is an incredibly exciting product. The addition of the MTP16 Module Controller, makes it unbelievably advanced and definitely an in-class industry leader. ”

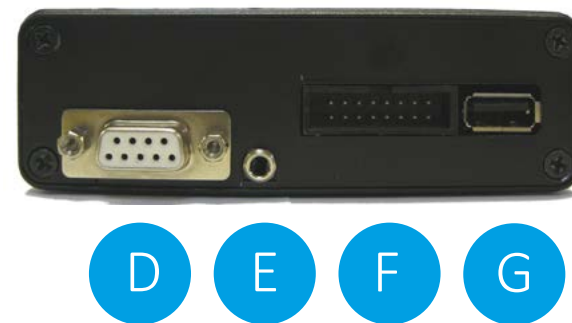
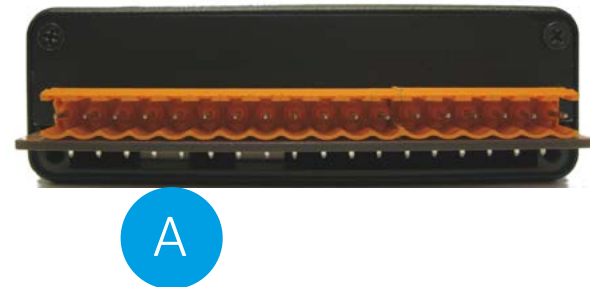




PATRONUS  
SYSTEMS ARE  
DETERMINED TO  
LEAD THE INDUSTRY  
IN ATM SECURITY  
PRODUCTS.

## COMPATIBILITY & CONNECTIVITY

- Multi-vendor compatible.
- Twin reed sensor inputs (Safe door / bolt) (See point A).
  - Temperature sensing capability.
- 3 Relay outputs (See point A).
  - Dual pole NC / NO (configurable as input).
  - Dual pole NC (configurable as input).
  - Single pole NC 6A.
- Communication Protocols.
  - RS232 Serial (38400 Baud) (See point D).
  - USB 2.0 Full Speed (Type A) (See point G).
- Optional Modules.
  - LED Status Plug (See point D).
  - External LCD module (See point F).
  - 6-Way Ribbon cable for A-Node support.
  - Counter fraud jamming device (See point E).
  - External data recorder (via RS232).
- Reconfigurable digital I/O.



# ARCIS TERMINAL WIRING SCHEMATIC

## Pin Layout: 18-Way Terminal Connector

