

# ADAM™ 720

INTELLIGENT MONITORING THAT BRIDGES THE TECHNOLOGY GAP



Peripherals

## TBOS Adaptor Board

The ADAM™ 720 TBOS Adaptor Board makes upgrading your Westronics alarm system quick and easy with the ADAM™ 720. Legacy cabling and connectors simply migrate to this adaptor board and the ADAM™ instantly reads them.



### Description

Quest designed the ADAM™ 720 TBOS Adaptor Board to accept existing "Molex" four-wire TBOS alarm inputs from telco equipment. We placed the connectors to enable the use of the existing gang mounted wire-wrap TBOS alarm boards.

- Makes the transition to the ADAM™ 720 TBOS alarming system simple.
- Quick installation, no re-wiring of the existing systems saves man power.
- All connections clearly marked and easy to understand.
- Kit contains all mounting hardware.

### Specifications

**Part Number:** 300731

**Interface:** TBOS Adaptor Cable (P/N 300733)

**Ambient Operating Range:** -20 to 70°C (-20 to 158°F)

**Storage Temperature:** -40 to 85°C (-40 to 185°F)

**Size:** 3" H x 10" W x 0.66" D (45mm H x 254mm W x 17mm D)

**Weight:** 0.5 lb (227g)



Monitoring & Control  
Solutions for Telecom

[www.questcontrols.com](http://www.questcontrols.com)

208 9th Street Drive W. Palmetto, FL 34221 • Tel: (941) 729-4799 Fax: (941) 729-5480

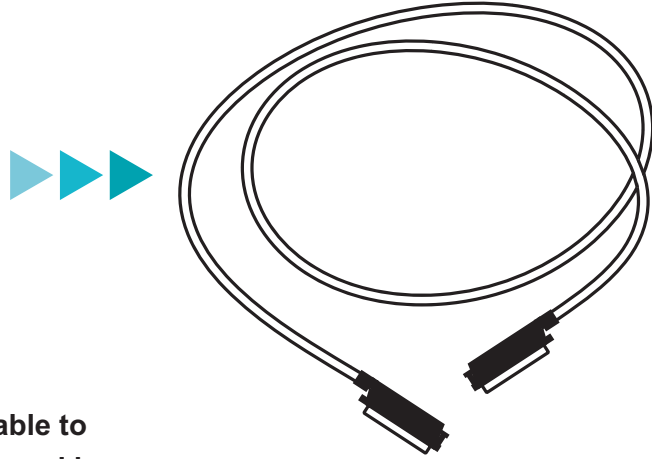
# ADAM™ 720

INTELLIGENT MONITORING THAT  
BRIDGES THE TECHNOLOGY GAP



Peripherals

## SLC Alarm and Control Cable



### Description

Quest designed the SLC Alarm and Control Cable to connect to existing alarm and control cables used by a Westronics alarm system. The cable connects to the existing SLC alarm and control cable at one end and is connected to the SLC card on the ADAM™ 720, thereby preventing costly rewiring when upgrading your alarm monitoring technology

### Specifications

**Part Number:** 300733

**Cable:** 25 pair, 24 AWG

**Connectors:** 25 pair cable with M/F Amphenol® connectors

**Cable length:** 10 ft.

**Used for:** Reduce installation time and cost when replacing a Westronics system

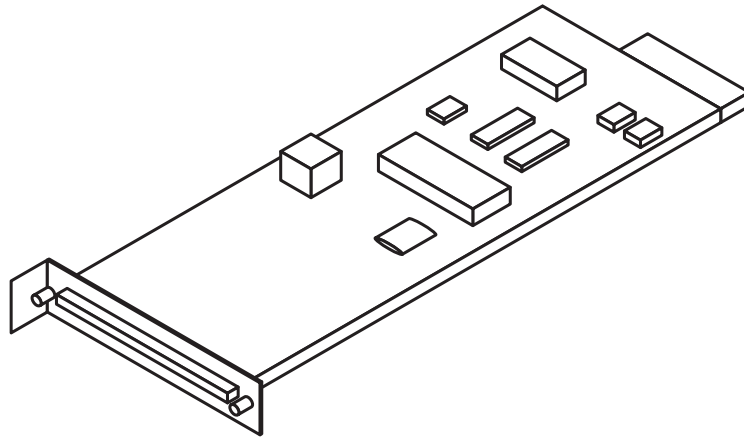
**Warranty:** One (1) year



Monitoring & Control  
Solutions for Telecom

[www.questcontrols.com](http://www.questcontrols.com)

208 9th Street Drive W. Palmetto, FL 34221 • Tel: (941) 729-4799 Fax: (941) 729-5480



## Description

The 720ENV2 is a plug-in module for the ADAM™ 720 that provides monitoring of fifty discrete inputs. Each input has a separate tip and ring connection and will monitor either wet or dry contact closures. Each input can be programmed for normally open or normally closed alarm condition, which allows the ADAM™ to generate a TL1 alarm message when the input point is in the alarm condition. A single ADAM™ shelf can support fourteen cards for a total of 700 monitoring points. ADAM™ shelves can be daisy chained together to increase the number of monitoring points.

## Specifications

**Part Number:** 130714

**Sensor monitoring points:** 50 inputs

**Input type:** Wet (0-60VDC) or Dry contact closures

**Interface:** 100-pin SCSI type connector provides Tip & Ring pair for each alarm contact. Cable P/N 300726 connects to the 100-pin connector and provides two Amphenol® 50-pin Female Telco D Connectors.

**Total 720ENV2 Modules per ADAM™ 720:** 14

**Environmental:** Standard Temperature: -20 to 70°C (-20 to 158°F)

**Storage Temperature:** -40 to 85°C (-40 to 185°F)

**Size:** 3" H x 9.13" W x .75" D (76mm H x 232mm W x 19mm D)

**Weight:** 1 lb (454g)

---

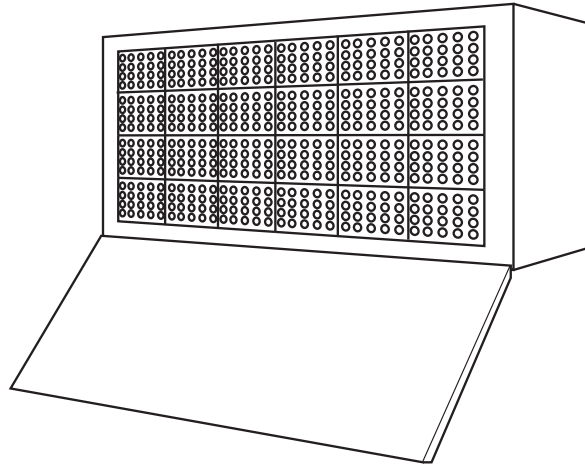
## Quest Controls, Inc.

*Monitoring & Control Solutions for Telecom*

208 9th Street Drive W. Palmetto, FL 34221

Tel: (941) 729-4799 Fax: (941) 729-5480

[www.questcontrols.com](http://www.questcontrols.com)



## Description

The ADAM™ 720ECB Block is designed with connectors to easily interface with the ADAM™ 720ENV2.

The wiring block features a compact 4-3/4" (121mm) deep frame and is provided with single pre-wired pins to a standard female 50-pin connector. Light weight, rugged construction and easy circuit identification all combine for durability, reliability and ease of installation.

The block is designed to support up to eight (8) 50-pin connectors to allow for field wiring. One (1) wiring block will support for a total of four (4) ENV2 cards.

## Specifications

**Part Number:** 300723

**Material:** All plastic parts made of super-tough polycarbonate; meets or exceeds industry flammability requirements.

**Interface:** Will interface with up to eight (8) 50-pin connectors.

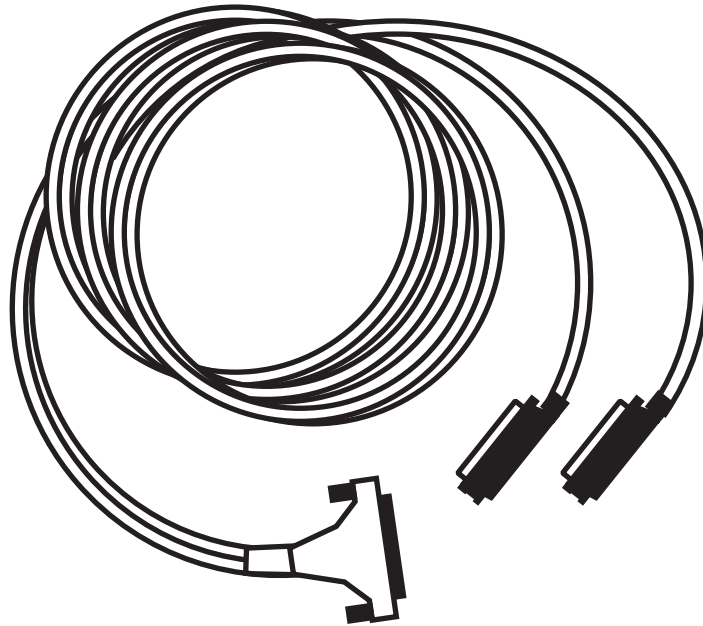
**Operating environment:** -20° to 149°F (-29° to 66°C), 5-95% non-condensing humidity.

**Physical size:** 4.2" H x 7.8" W x 4.75" D (107mm H x 199mm W x 121mm D)

**Mounting:** All mounting hardware included with block.

**Warranty:** One (1) year

Note: Use Quest cable part number 300726 to connect the wiring block to the ADAM™ 720ENV2, part number 130714.

**Description**

The 50 pair, 24 AWG, Interconnect Cable is used to connect the ADAM™ 720ENV2 Board to a wiring block. The cable is designed with two (2) Amphenol® connectors for direct termination to the block and a 100-pin connector to connect to the ENV2 card.

**Specifications**

**Cable:** 50 pair, 24 AWG

**Connectors:** 100 position connector to ENV2 Alarm Module, part number 130714, and two 50 position Amphenol® connectors to the ADAM™ 720 ECB Block, part number 300723.

**Cable length:** 10 feet 8 inches (3.25M)

**Support:** Each cable supports one (1) ENV2 Alarm Module, part number 130714, 50 pair Tip and Ring. Wet/dry contacts.

**Warranty:** One (1) year

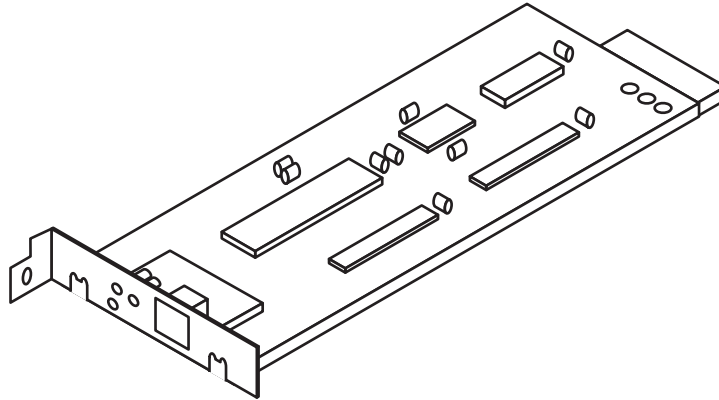
**Quest Controls, Inc.**

*Monitoring & Control Solutions for Telecom*

208 9th Street Drive W. Palmetto, FL 34221

Tel: (941) 729-4799 Fax: (941) 729-5480

[www.questcontrols.com](http://www.questcontrols.com)



## Description

The 720ETH is a plug-in module for the ADAM™ 720 that provides Ethernet and TCP/IP connectivity. The module is used instead of the X.25 interface module for northbound communications using Ethernet and TCP/IP protocols. The ADAM™ 720 transmits TL1 alarm messages and can be interrogated remotely over an industry standard Telnet connection.

## Specifications

**Part Number:** 300727

**Supported Protocols/Addressing:** Telnet, ARP, DHCP, static IP, HTTP

**Network Interface:** RJ45 (10BASE-T)

**Management of network connectivity:** HTTP (web) server, Telnet

**Diagnostic LEDs:** Telnet connection established, Diagnostic/error, and Physical link good

**Environmental:** Standard Temperature: 0 to 70°C (32 to 158°F)

**Storage Temperature:** -40 to 85°C (-40 to 185°F)

**Size:** 3" H x 9.13" W x .75" D (76mm H x 232mm W x 19mm D)

**Weight:** 1 lb (454g)

---

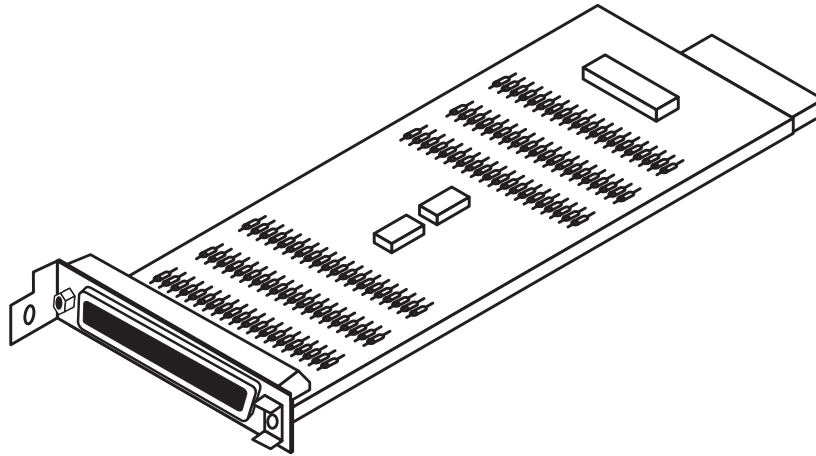
## Quest Controls, Inc.

*Monitoring & Control Solutions for Telecom*

208 9th Street Drive W. Palmetto, FL 34221

Tel: (941) 729-4799 Fax: (941) 729-5480

[www.questcontrols.com](http://www.questcontrols.com)



## Description

The 720PFM is a plug-in module for the ADAM™ 720 that provides monitoring of twenty-five resistive transmitters for monitoring cable pressure and airflow. The module monitors air pressure and flow allowing the ADAM™ to generate a TL1 alarm message when the value has exceeded a user programmable threshold. A single ADAM™ shelf can support thirteen cards for a total of 325 monitoring points. ADAM™ shelves can be daisy chained together to increase the number of monitoring points.

## Specifications

**Part Number:** 300730

**Sensor monitoring points:** 25 resistive transducers for pressure or airflow on either dedicated or subscriber pairs.

**Input type:** Resistive (100k-3.2M ohm).

**Interface:** Amphenol® 50-pin Female Telco D Connector.

Tip & Ring pair for each input.

**Total 720-PFM Modules per ADAM™ 720:** 13

**Environmental:** Standard Temperature: -20 to 70°C (-20 to 158°F)

**Storage Temperature:** -40 to 85°C (-40 to 185°F)

**Size:** 3" H x 9.13" W x .75" D (76mm H x 232mm W x 19mm D)

**Weight:** 1 lb (454g)

---

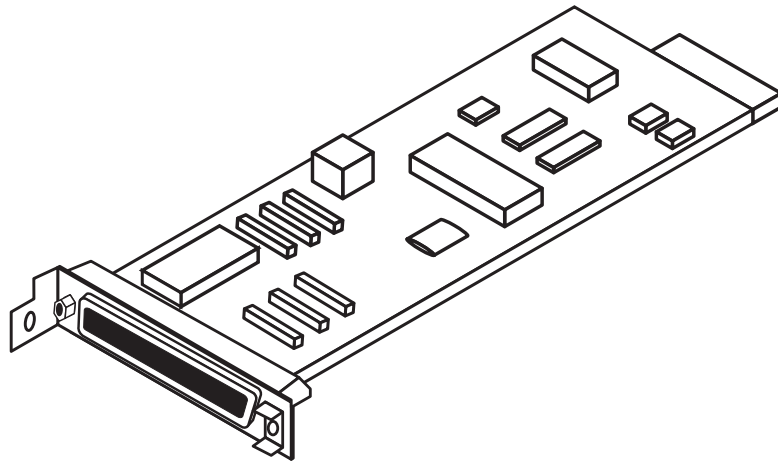
## Quest Controls, Inc.

*Monitoring & Control Solutions for Telecom*

208 9th Street Drive W. Palmetto, FL 34221

Tel: (941) 729-4799 Fax: (941) 729-5480

[www.questcontrols.com](http://www.questcontrols.com)



## Description

The 720AIM is a plug-in module for the ADAM™ 720 that provides monitoring of twenty-five analog sensors. Sensing devices for temperature, humidity, current and voltage can be scaled and monitored. The module monitors 0-5 VDC or 0-20 mA sensors allowing the ADAM™ to generate a TL1 alarm message when the sensor values have exceeded user programmable thresholds. A single ADAM™ shelf can support thirteen cards for a total of 325 monitoring points. ADAM™ shelves can be daisy chained together to increase the number of monitoring points.

## Specifications

**Part Number:** 300732

**Sensor monitoring points:** 25 analog inputs with 12bit A/D resolution

**Input type:** 0-20 mA or 0-5 VDC

**Interface:** Amphenol® 50-pin Female Telco D Connector.

Tip & Ring pair for each input.

**Total 720AIM Modules per ADAM™ 720:** 13

**Environmental:** Standard Temperature: -20 to 70°C (-20 to 158°F)

**Storage Temperature:** -40 to 85°C (-40 to 185°F)

**Size:** 3" H x 9.13" W x .75" D (76mm H x 232mm W x 19mm D)

**Weight:** 1 lb (454g)

---

## Quest Controls, Inc.

*Monitoring & Control Solutions for Telecom*

208 9th Street Drive W. Palmetto, FL 34221

Tel: (941) 729-4799 Fax: (941) 729-5480

[www.questcontrols.com](http://www.questcontrols.com)