

Agenda Item  
No.

D-3

DATE SUBMITTED 09/14/2022

SUBMITTED BY Public Services

DATE ACTION REQUIRED 09/21/2022

COUNCIL ACTION ( )

PUBLIC HEARING ( )

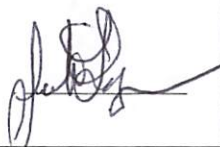
REQUIRED RESOLUTION ( )

ORDINANCE 1<sup>ST</sup> READING ( )

ORDINANCE 2<sup>ND</sup> READING ( )

CITY CLERK'S INITIALS AB

**IMPERIAL CITY COUNCIL  
AGENDA ITEM**

SUBJECT: DISCUSSION/ACTION: Purchase Iteris Signal Light Equipment 1. Discuss and approve purchase of Iteris, Inc. Signal Light Equipment	
DEPARTMENT INVOLVED: Public Services - Streets	
BACKGROUND/SUMMARY:  Public Services would like to purchase budgeted equipment from Iteris, Inc. This equipment acts as an IP communication hub for the Vantage Edge2 processors. By purchasing Edgeconnect Modules, this will allow to proceed with integration of the traffic signal light management upgrade.	
FISCAL IMPACT: \$28,284.38 – Iteris Inc 01-320-5442	FINANCE INITIALS <u>DP</u>
STAFF RECOMMENDATION: Approve	DEPT. INITIALS 
MANAGER'S RECOMMENDATION: <u>approve</u>	CITY MANAGER'S INITIALS <u>DM</u>
MOTION:   SECONDED: APPROVED ( ) REJECTED ( ) AYES: DISAPPROVED ( ) DEFERRED ( ) NAYES: ABSENT: REFERRED TO:	



Iteris, Inc.  
 1700 Carnegie Avenue  
 Suite 100  
 Santa Ana, CA 92705-5551

Michael Girardot  
 RodefX  
 Phone:  
 Email: rodefx@verizon.net

**EQUIPMENT QUOTATION**

Quote #00011092

August 23, 2022

<b>Agency:</b> IMPERIAL CITY OF <b>Contractor:</b> <b>Project Name:</b> 2022082324 Imperial 7 Edgeconnect modules <b>Reference:</b> 2022082324 Imperial 7 Edgeconnect modules	<b>Delivery Term:</b> FOB Destination <b>Payment Terms:</b> NET 30 Days <b>Sales Rep:</b>
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Fax or email Purchase Orders to: 949-270-9441 or [rsorders@iteris.com](mailto:rsorders@iteris.com). Please include Quote Number on your Purchase Order. Prices are valid for 30 days from the date of quote unless extended in writing. Prices on this quote include material only unless otherwise stated. For questions regarding this quotation, please contact the representative listed above.

01- Imperial 7 Edgeconnects				
Product Name	Product Description	Qty	Unit Price	Ext. Price
EDGECONNECT-PAK	IP addressable module with scalable bandwidth and quad view capability. MPEG4 and h.264 video streaming formats. Acts as an IP communication hub for Vantage Edge2 processors. Package Includes: EdgeConnect Module, Edge Communication Module cables (4), RJ45 Ethernet patch cable, Multi-Video Cable Ethernet cross over cable, Null Modem serial cable. USB Mouse, Software installation disk with VRAS software, and Users Manual. NTSC / PAL Auto-sensing. Fits in NEMA/Caltrans detector racks. **Product is End of Life with a last order date of January 30,2023 and is to be quoted as Non-Cancellable-Non Returnable**	7	\$3,750.00	\$26,250.00
				\$26,250.00

*Important Notes:*

This quotation and any resulting order are subject to Iteris' Roadway Sensor Products Standard Terms and Conditions of Sale attached hereto or available at <http://www.iteris.com/RS-Std-TC.pdf>, which are incorporated herein by this reference.

RodefX is an authorized Iteris Sales Representative for Iteris Roadway Sensors products and may sign quotations on Iteris' behalf with a total sales price of \$80,000 or less. Quotations that exceed \$80,000 in total price must be approved by an Authorized Iteris Signature.

<b>SUBTOTAL</b>	\$26,250.00
<b>FREIGHT</b>	
<b>TAX</b>	\$2,034.38
<b>TOTAL:</b>	\$28,284.38

Authorized Iteris Signature

Date

Michael Girardot, RodefX

*Handwritten signature/initials*

DATE SUBMITTED 09/14/2022  
SUBMITTED BY Public Services  
DATE ACTION REQUIRED 09/21/2022

COUNCIL ACTION ( )  
PUBLIC HEARING REQUIRED ( )  
RESOLUTION ( )  
ORDINANCE 1<sup>ST</sup> READING ( )  
ORDINANCE 2<sup>ND</sup> READING ( )  
CITY CLERK'S INITIALS AB

### IMPERIAL CITY COUNCIL AGENDA ITEM

SUBJECT: DISCUSSION/ACTION: Purchase PLC Control Modules      1. Discuss and approve purchase of PLC Control Modules for WWTP.	
DEPARTMENT INVOLVED: Public Services - WWTP	
BACKGROUND/SUMMARY:  Public Services would like to purchase spare PLC Control Modules. These components are critical in the SCADA operation and function for the WWTP.	
FISCAL IMPACT: Not to exceed \$43k with shipping & taxes	FINANCE INITIALS <u>DP</u>
STAFF RECOMMENDATION: Approve	DEPT. INITIALS <u>[Signature]</u>
MANAGER'S RECOMMENDATION: <u>Approve</u>	CITY MANAGER'S INITIALS <u>[Signature]</u>
MOTION:	
SECONDED:	APPROVED ( )      REJECTED ( )
AYES:	DISAPPROVED ( )      DEFERRED ( )
NAYES:	
ABSENT:	REFERRED TO:



# Allen-Bradley 1769-PA4 Compactlogix Power Supply

Manufacturer: Rockwell Automation | Catalog # 1769-PA4 | OneSource Part # 1080904

**\$633.51/ea**

[Log in](#) or [register](#) to view your price, purchase history, and more!

Allen-Bradley 1769-PA4 Compactlogix Power Supply

*PLC Power Supply*

Technical Specs    Features

## Technical Information

Amperage	4 Amp, 25 Amp	Blade Dimensions	70 mm W x 87 mm D x 118 mm H
Display Type	Status LEDs	Frequency	47-63 Hz
Input Voltage	85 - 265 VAC at 50/60 Hz	Mounting Type	DIN Rail, Panel Mount
Operating Temperature	0 To 60 degrees C	Output Voltage	5 - 24 VDC
Split Crucible	S	Standard	C-TICK, CCC, CUL, KC, MARINE, UL
Type	Selectable		

## Manufacturer Information

Brand	Allen Bradley	Sub Brand	CompactLogix
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## General Product Info

GTiN	00612598276882	Product UPC	61259827588
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## Dimensions

Depth	3.43 Inch	Height	4.65 Inch
Width	2.76 in		



# Allen-Bradley 1756-IB32 ControlLogix 32 I Sinking Point Module

Manufacturer: Rockwell Automation | Catalog # 1756-IB32 | OneSource Part # 157835

**\$693.22**/ea

[Log in](#) or [register](#) to view your price, purchase history, and more!

Allen-Bradley 1756-IB32 ControlLogix 32 I Sinking Point Module

## Technical Specs

### Technical Information

Amperage	2 mA	Blade Dimensions	38.1 mm W x 111.25 mm D x 300 mm H
Display Type	Input And Communication Status, Module Health	Input Voltage	10-31 V
Mounting Type	Chassis	Number of Channels	32
Operating Temperature	0 To 60 degrees C	Response Time	0.38 - 18 Millisecond
Split Crucible	5	Standard	CCC,CE,CSA,CUL,KC,MARINE,NRTL,RCM,UL
TC Connection	Tension Clamp Spring	Type	Digital Input
Voltage	10 VDC Supply		

### Manufacturer Information

Brand	Allen Bradley	Sub Brand	ControlLogix
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### General Product Info

GTIN	00612598171309	Product UPC	61259817130
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You may also like



# Allen-Bradley 1756-OB32 ControlLogix 32-Point D/O Module

Manufacturer: Rockwell Automation | Catalog # 1756-OB32 | OneSource Part # 62824

**\$982.45/ea**

[Log in](#) or [register](#) to view your price, purchase history, and more!

Allen-Bradley 1756-OB32 ControlLogix 32-Point D/O Module

## Technical Specs

### Technical Information

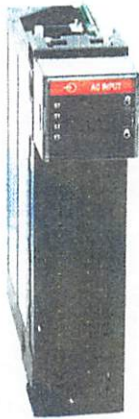
Amperage	2 mA Input, 16 Amp Output	Blade Dimensions	38.1 mm W x 111.25 mm D x 300 mm H
Display Type	Output And Communication Status, Module Health	Mounting Type	Chassis
Number of Channels	32	Operating Temperature	0 To 60 degrees C
Output	32 Digital	Output Signal	10-31 VDC
Output Voltage	10-31 V	Response Time	0.6 - 1 Millisecond
Split Crucible	S	Standard	CCC,CE,CSA,KC,MARINE,NRTL,RCM,UL
TC Connection	Tension Clamp Spring	Type	Digital Output
Voltage	10-31 VDC Supply, 10-31 VDC Output		

### Manufacturer Information

Brand	Allen Bradley	Sub Brand	ControlLogix
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### General Product Info

GTIN	00662468702997	Product UPC	66246870299
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# Allen-Bradley 1756-IA32 ControlLogix 32-Point D/I Module

Manufacturer: Rockwell Automation | Catalog # 1756-IA32 | OneSource Part # 2828571

**\$1,264.66/ea**

[Log in](#) or [register](#) to view your price, purchase history, and more!

Allen-Bradley 1756-IA32 ControlLogix 32-Point D/I Module

## Technical Specs

### Technical Information

Amperage	2 mA	Blade Dimensions	38.1 mm W x 111.25 mm D x 300 mm H
Display Type	Input And Communication Status, Module Health	Input Voltage	74-132 V
Mounting Type	Chassis	Number of Channels	32
Operating Temperature	0 To 60 degrees C	Response Time	1 - 18 Millisecond
Split Crucible	S	Standard	CCC,CE,CSA,KC,MARINE,NRTL,RCM,UL
TC Connection	Tension Clamp Spring	Type	Digital Input
Voltage	74-132 VAC at 50/60 Hz Supply		

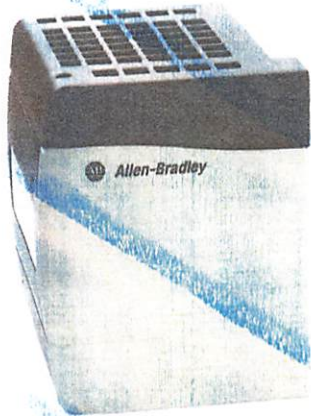
### Manufacturer Information

Brand	Allen-Bradley	Sub Brand	ControlLogix
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### General Product Info

GTIN	00612598171286	Product UPC	61259817128
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You may also like



# Allen-Bradley 1756-PB75 ControlLogix DC Power Supply

Manufacturer: Rockwell Automation | Catalog # 1756-PB75 | OneSource Part # 2368667

**\$1,627.67** /ea

[Log in](#) or [register](#) to view your price, purchase history, and more!

Allen-Bradley 1756-PB75 ControlLogix DC Power Supply

## Technical Specs

### Technical Information

Amperage	30 Amp	Blade Dimensions	140 mm W x 112 mm D x 145 mm H
Display Type	Status LEDs	Enclosure	None ( Open-Style)
Input Voltage	18 - 32 VDC	Mounting Type	Chassis
Operating Temperature	0 To 60 degrees C	Output Voltage	1.2 V
Split Crucible	S	Standard	CE,CSA,CUL,KC,MARINE,NRTL,RCM,UL
Type	Power Supply	Wattage	75 Watt

### Manufacturer Information

Brand	Allen Bradley	Sub Brand	ControlLogix
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### General Product Info

GTIN	00612598206865	Product UPC	61259820686
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## You may also like







# Allen-Bradley 1756-IF16 ControlLogix 16-Point A/I Module

Manufacturer: Rockwell Automation | Catalog # 1756-IF16 | OneSource Part # 802976

**\$2,248.29/ea**

[Log in](#) or [register](#) to view your price, purchase history, and more!

Allen-Bradley 1756-IF16 ControlLogix 16-Point A/I Module

## Technical Specs

### Technical Information

Applications	General Purpose I/O	Blade Dimensions	38.1 mm W x 111.25 mm D x 300 mm H
Display Type	Module Health, In Calibration Mode	Input Voltage	0-10.25 V
Mounting Type	Chassis	Number of Channels	16
Operating Temperature	0 To 60 degrees C	Split Crucible	5
Standard	CCC,CE,CSA,KC,MARINE,NRTL,RCM,UL	TC Connection	Tension Clamp Spring
Type	Analog Input		

### Manufacturer Information

Brand	Allen Bradley	Sub Brand	ControlLogix
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### General Product Info

GTIN	00612598171781	Product UPC	61259817178
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# Allen-Bradley 1756-OF8 ControlLogix 8-Point A/O Module

Manufacturer: Rockwell Automation | Catalog # 1756-OF8 | OneSource Part # 802062

**\$2,927.46/ea**

[Log In](#) or [register](#) to view your price, purchase history, and more!

Allen-Bradley 1756-OF8 ControlLogix 8-Point A/O Module

## Technical Specs

### Technical Information

Applications	General Purpose I/O	Blade Dimensions	38.1 mm W x 111.25 mm D x 300 mm H
Display Type	Module Health, In Calibration Mode	Mounting Type	Chassis
Number of Channels	8	Operating Temperature	0 To 60 degrees C
Output Signal	+/- 10.4V, 0-21 mA	Output Voltage	10.4 V
Split Crucible	S	Standard	CCC,CE,CSA,CUL,KC,MARINE,NRTL,RCM,UL
TC Connection	Screw/Spring Clamp	Type	Analog Output

### Manufacturer Information

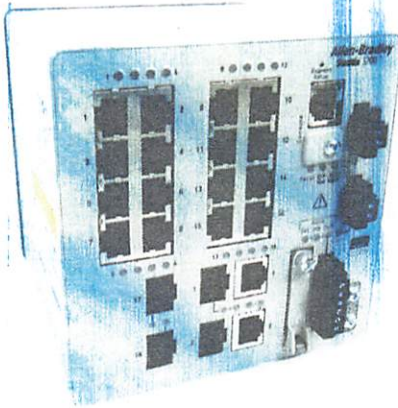
Brand	Allen Bradley	Sub Brand	ControlLogix
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### General Product Info

GTiN	00612598171897	Product UPC	61259817189
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## You may also like





# Allen-Bradley 1783-BMS20CGL Stratix 5700 20-Port Managed Switch

Manufacturer: Rockwell Automation | Catalog # 1783-BMS20CGL | OneSource Part # 4393665

**\$3,134.68/ea**

[Log in](#) or [register](#) to view your price, purchase history, and more!

Allen-Bradley 1783-BMS20CGL Stratix 5700 20-Port Managed Switch

Technical Specs   Features

## Technical Information

Mounting Type	DIN Rail (Top Hat Rail)	Operating Temperature	-40 To 140 degrees F
Split Crucible	S	Standard	C-TICK,CE,CUL,KC,MARINE,UL
Type	Managed, 20-Port		

## Manufacturer Information

Brand	Allen Bradley	Sub Brand	Stratix 5700
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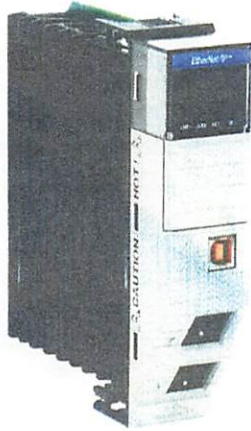
## General Product Info

GTiN	00886739973552	Product UPC	88673997355
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## Dimensions

Height	130 mm	Length	128 mm
Width	127 mm		





# Allen-Bradley 1756-EN2TR 10/100 Mb/Sec Dual Copper Media Ethernet/IP Communication Module

Manufacturer: Rockwell Automation | Catalog # 1756-EN2TR | OneSource Part # 4030620

**\$4,180.41**/ea

[Log in](#) or [register](#) to view your price, purchase history, and more!

Allen-Bradley 1756-EN2TR 10/100 Mb/Sec Dual Copper Media Ethernet/IP Communication Module

## Technical Specs

### Technical Information

Applications	EtherNet/IP	Display Type	Digital Display
Mounting Type	Chassis	Number of Channels	2
Operating Temperature	0 To 60 degrees C	Split Crucible	S
Standard	CCC,CE,CUL,KC,MARINE,NRTL,RCM,UL	Type	High Capacity

### Manufacturer Information

Brand	Allen Bradley	Sub Brand	CompactLogix
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### General Product Info

GTIN	00612598547739	Product UPC	61259854773
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## You may also like



Allen-Bradley 1756-EN2TR 10/100



Allen-Bradley 1756-EN2TR 10/100

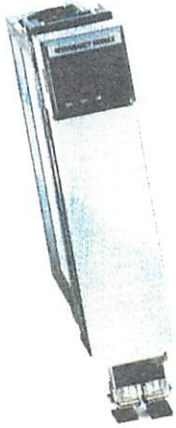


Allen-Bradley 1756-EN2TR 10/100



Allen-Bradley 1756-EN2TR 10/100

Allen-Bradley 1756-EN2TR 10/100



# Allen-Bradley 1756-RM2 ControlLogix Redundancy Enhanced Module

Manufacturer: Rockwell Automation | Catalog # 1756-RM2 | OneSource Part # 4376370

**\$7,092.40/ea**

[Log in](#) or [register](#) to view your price, purchase history, and more!

Allen-Bradley 1756-RM2 ControlLogix Redundancy Enhanced Module

## Technical Specs

### Technical Information

Applications	Requires 2 modules per system	Display Type	4 Character Alpha/Numeric
Mounting Type	Chassis	Number of Channels	2
Operating Temperature	0 To 60 degrees C	Output Signal	Fiber Optic
Power Supply	1.16A @ 5.1VDC, 3.4ma @ 24VDC	Split Crucible	S
Standard	CCC,CE,CSA,CUL,KC,MARINE,NRTL,RCM,UL	Type	Redundancy Module
Voltage	24 Volt		

### Manufacturer Information

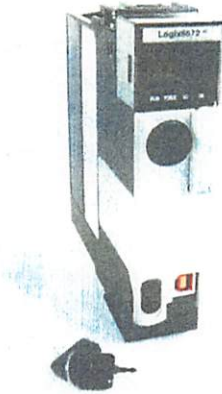
Brand	Allen Bradley	Sub Brand	ControlLogix
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### General Product Info

GTIN	00884951800434	Product UPC	88495180043
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## You may also like





# Allen Bradley 1756-L72K ControlLogix5572 Conformally Coated Controller with 4 MB Memory

Manufacturer: Rockwell Automation | Catalog # 1756-L72K | OneSource Part # 4793591

**\$11,569.31/ea**

[Log in](#) or [register](#) to view your price, purchase history, and more!

Allen Bradley 1756-L72K ControlLogix5572 Conformally Coated Controller with 4 MB Memory

## Technical Specs

### Technical Information

Applications	500 Controller Connections	Display Type	4 Character Alpha/Numeric
Memory	0.98 MB	Mounting Type	Chassis
Operating Temperature	140 degrees F	Power Supply	5ma @ 1.2VDC, 800ma @ 5.1VDC
Split Crucible	N	Standard	CCC,CE,CUL,KC,MARINE,RCM,UL
Type	Controller		

### Manufacturer Information

Brand	Allen Bradley	Sub Brand	ControlLogix
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### General Product Info

GTiN	00885630734309	Product UPC	88563073430
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## You may also like

