

#### PG-139-103-AB Fike Cheetah to BACnet IP Protocol Converter

PG-139-103-AB is highly powerful, superior, completely configurable and productive Building & Industrial Automation gateway for integrators to effortlessly interface devices to networks in commercial buildings and industrial plants.

PG-139-103-AB Gateway model supports Fike Cheetah and BACnet IP protocols. It is a Bi-directional Converter that can be configured as a Client on Fike Cheetah side and a Server/Client on BACnet IP protocol interface.

When configured as a Fike Cheetah client, the PG-139-103-AB can read data from your Fike Cheetah fire panel and publish it as BACnet IP data. Also, it can write commands sent from the BACnet IP side to the Fike Cheetah fire panel.

When configured as a BACnet IP client, the PG-139-103-AB can read data from your BACnet IP devices and publish it as Fike Cheetah type data. Also, it can write commands sent from the Fike Cheetah side to the BACnet IP devices.

The PG-139-103-AB can be configured to behave as a server on BACnet IP interfaces. This mode is useful when data exchange is required between a Fike Cheetah client (for eg. SCADA) and a BACnet IP client (for eg. a Building Management System).

The PG-139-103-AB can be configured to behave as a client on both Fike Cheetah and BACnet IP interfaces.

PG-139-103-AB gateways have benefitted system integrators worldwide with its powerful line of gateways. Additionally, PG-139-103-AB gateway runs the same protocol conversion software on a productive and cost efficient platform backed by the experience, engineering expertise and technically proven support that integrators have come to expect from PG-139-103-AB.

#### **Features**

- Ability to interface upto 1000 points
- DIN rail mount optional
- DIP switches to select baud rate or node ID on the fly
- Multi-configuration capability
- BACnet COV support for fast data communication while reducing the traffic over a BACnet network



# **Specifications**

Power 9-30 VDC or 12-	ty:5-90% RH non-condensing
Power	
Power	
Requirements Current Draw @	24 VAC
·	12V about 250Ma
1 Hysical	11.5x7.4x4.1 cm)
Dimensions(HxWxD) 0.4 lbs (0.2 Kg)	
·	
Configuration/D	Diagnostic utilities
Other Capacity: 1000	points
Table,Wall or DI	N rail mount
·	
RS-485	1
Communication RS-485 or RS-23	2 1
Interfaces Ethernet 10Bas	e-T, 100BASE-T <sup>2</sup> 1
Mbus	-
KNX	-
LonWorks	-
·	
TUV Approved t	o UL 916 and CSA C22.2 standards
BTL and LonMa	rk certified
Approvals LonMark Certific	ed
RoHS Compliant	i
GOST-R Certified	d
CE and FCC	



# **Fike Cheetah Protocol Driver Description**

	<b>Connection Facts</b>	
Mode	Nodes	Comments
Client	1	Only one node per port
Formal Driver Type	Passive	Client
	Connection Information	
Connection Type:	RS-232 or RS-485 (Tw	o Wire, Half-Duplex)
Baud Rates:	9600 (Vendo	r Limitation)
Data Bits:	8 (Vendor I	Limitation)
Stop Bits:	1 (Vendor I	Limitation)
Parity:	No	ne
Multidrop Capability:	N	0
	Devices Tested	
Device	Tes	ted
Cybercat Panel	Fact	cory
Cheetah Panels	Sit	te
Fike Multi-Interface Module	Sit	te
Fike Cheetah Xi	Sit	te
CyberCat	Sit	te
	Data Types Supported	
The	driver does not transfer typed da	ta.
Pa	ssive Client Operations Supporte	d
	As a Passive Client	



Graphics command (also known as command 6.0)
Command #1.0: send panel status - cheetah /evax
Command #1.2: send panel status - cyber-cat
Networked panel events (MIM):
System & Device Troubles
Device Alarms
Vesda Events
Device General, Supervisory
Classic Cheetah Events from Gateway
Write Operations Supported
As a Passive Client
Acknowledgements are supported in a limited way.



# **Unsupported Functions and Data Types**

Function	Reason
Command #2.1: send history event - cyber cat Command #3.1: panel switch command - reset Command #3.2: panel switch command - acknowledge Command #3.3: panel switch command - silence Command #3.4: panel switch command - walktest Command #3.5: panel switch command - drill Command #3.16: panel switch command - process state de- activated in zone <d0> Command #3.17: panel switch command - process state activated in zone <d0> Command #3.33: panel switch command - turn off peripheral transmissions Command #3.34: panel switch command - restart peripheral transmissions Command #3.60: panel switch command - enable/disable ir communications Command #3.61: panel switch command fan restart Command #7.4: panel requests status update from peripheral device Command #7.5: peripheral device response to to command #7.4</d0></d0>	It is a data transfer device, and as such, programming messages are not required

## **Functions Described**

All three supported commands report zone and device states for multiple loops. Some panel status information is provided in the message and stored by the driver. Details are available in the manual.



### **Firmware Limitations & Capabilities**

#### **Fike Cheetah Panel**

The following limitations to older firmware have been identified. It is unable to correlate this change with a particular Fike firmware version number at the current time.

Messages 1.1 and 6.0 (graphics update msg) are sent by older panels. Only message 6.0 contains information that can be used by the driver to reflect zone and device states. The 6.0 message is sent infrequently (typically 1 in 60 messages) and this results in a zone/device state update every few minutes.

#### Message 6.0 Limitations

- Can only report data for 127 zones. Data is limited to Alarm, Trouble, Pre-Discharge and Released states
- Can only report data for 127 devices on loops 1-4. Data is limited to Alarm, Trouble states.
- Message 1.1 Older firmware
- No useful information about zones or devices.

#### Message 1.1 – Newer Firmware

- Supports zones 1-240. For zones the following states are reported: Abort, Trouble, Supervisory, Disabled, Pre-alarm, Alarm, Pre-Discharge, Released, Processed.
- Supports devices 1-127 on loops 1-4. For devices the following states are reported:
   Alarm, Pre-Alarm and Trouble

#### Fike XI Panel

The XI panels send messages which contain zone and device data. The message is known by Fike as a '1.2' message.

The message reports if a device is normal, alarm, trouble or in a pre-discharge state. 256 Devices on loops 1-4 are reported. 255 Zones report Process, Trouble, Supervisory, Disable, Pre-Alarm, Alarm states.



# **BACnet IP Protocol Driver Description**

	Connection type:	Internet Protocol (IP)
	Ethernet Speeds Supported:	10Base-T, 100BASE-T <sup>2</sup>
Driver Name: BACnet/IP	BBMD SUPPORTED:	Yes(Not supported on client connections)
	Foreign Device:	Not Supported for client
	Registration:	Connections

**NOTE:** When configured as a BACnet master, there is no physical limit to the number of remote BACnet slave devices is supported. When configured as BACnet slave, there is no physical limit to the number of virtual slave nodes supported. In both cases, the limitation is the point count capacity of the FieldServer.

### **PG-139-103-AB AS A BACnet IP CLIENT**

Read Operations Supported	Properties Supported	Comments and Limitations
	Present Value	Store value in Data Array location after scaling has been applied
Read Property	Out_Of_Service	When using a Complex Data Object, the OOS property is fully supported. Return FALSE when not OOS or when using standard Data Arrays
	Units	Returns Units as specified in the Map Descriptor
	Reliability	When using a Complex Data Objects, returns "Unreliable Other" when the Node is offline, or when the data is old. Returns FALSE if the Node is online or



		when using Standard Data Arrays
	Priority_Array	Returns Priority_Array of Map Descriptor
	Unsupported	This property is supported
	Protocol_Object_Type_Supported	This property is supported
	Protocol_Services_Supported	This property is supported
	Database_Revision	This property is supported and will change if a new configuration is downloaded to the FS
	Max_Master	This property is supported for the BACnet /MSTP DLL option
	Max_Info_Frames	This property is supported for the BACnet/MSTP DLL option
	Relinguish_Default	Returns Relinguish _Default
	Mode	This property is supported.
	Tracking_Value	This property is supported.
Read Property Multiple	As for Read Property	Transactions can be defined to read multiple objects and properties in a single ReadPropertyMultiple operation.
	ALL	Read Property Multiple of the ALL



		property is NOT supported
Write Operations Supported	Properties Supported	Comments and Limitations
Write Property		Send value in Data
Write Property Multiple	Present Value	Array location after scaling has been applied
	103-AB AS A BACnet IP SERVE	R
DEVICE OBJECT		
Read Operations Supported	Properties Supported	Comments and Limitations
	Object_Identifier	Returns Object _ID with Node_ID as Object Instance
	Object_Name	Returns Node Name
	Object_Type	Returns Device Object
	System_Status	Returns Normal
	Vendor_Name	Returns PG-10XX Technologies
Read Property	Vendor_Identifier	Returns 37
	Model_Name	Returns PG-10XX model
	Firmware_revision	Returns Kernel Version
	Application_sw_version	Returns DCC version
	Protocol_Version	Returns version 1
	Protocol_Revision	Returns version 1
	Protocol_Services_Supported	This property is supported



	Protocol_Object_Type_Supported	This property is supported
	Protocol_Object_List	Returns a list of objects defined in the PG-10XX
	Max_APDU_Length_Accepted	For PG-10XX, the MAX APDU length for BACnet MSTP is 480 bytes and for BACnet IP/BACnet Eth 1497 bytes
	Segmentation_Supported	Returns Segmantation NOT Supported
	APDU_Timeout	Returns the value as defined by the Node's "Timeout" paramater
	APDU_Retries	Returns the value as defined by the Node's "Retries" parameter
	Device_Address_Bindings	Returns an empty list
	Max_Master	This property is supported for the BACnet/MSTP DLL option
	Max_info_Frames	This property is supported for the BACnet/MSTP DLL option
	Description	This property is supported
	Database_Revision	This property is supported and will change if a new configuration is downloaded to the PG-10XX
Read Property Multiple	Same properties as Read Property	Read Property Multiple is fully supported. Multiple



		objects with multiple properties can be specified
Write Operations Supported	Properties Supported	Comments and Limitation
Write Property	Max_Master	This Property is supported for the BACnet /MSTP DLL option
Write Froperty	Max_info_Frames	This Property is supported for the BACnet /MSTP DLL option
Mirita Dramorty Multiple	Max_Master	This Property is supported for the BACnet /MSTP DLL option
Write Property Multiple	Max_info_Frames	This Property is supported for the BACnet /MSTP DLL option
Analog Input Object		
Read Operations Supported	Properties Supported	Comments and Limitations
	Object_Identifier	No Limitations
	Object_Name	Returns Map Descriptor Name
Read Property	Object_Type	Returns Analog Input Object Type
neau Froperty	Present_Value	Returns value in Data_Array after scaling has been applied
	Status_Flags	When using Complex Data Objects returns



Write Operations Supported	Properties Supported	Comments and Limitations
Read Property Multiple	Same properties as Read Property	Read Property Multiple is fully supported. Multiple objects with Multiple properties can be specified
	Units	Returns Units as specified in the Map Descriptor
	Description	This property is supported
	Out_Of_Service	Fully supported when using a Complex data Object. Returns FALSE when not OOS or when using standard Data Arrays
	Reliability	Complex Data Objects, returns Unreliable Other when the Node is offline, or when the data is old. Returns FALSE if the node is online or when using Standard Data Arrays
	Event_State  Reliability	No Limitations When using a
		the FAULT and OUT_OF_SERVICE fields as indicated in section 12.2.7 of the BACnet specification. When using standard Data Arrays returns FALSE for all bits.



Write Property		Writing to the Present
Write Property Multiple	Present_Value	Value is allowed if the Object is OOS
Data Sharing Operations	Properties Supported	Comments and
Supported	Tropersies supported	Limitations
SubscribeCOV	Present_value	Subscription storage is non-volatile
COVNotification	Present_value	Confirmed and Unconfirmed
Alarm and Event Operations	Properties Supported	Comments and
Supported	Troperties supported	Limitations
EventNotification	Present_Value,Status	Confirmed and Unconfirmed
AcknowledgeAlarm		No limitations
AcknowledgeAlarm  Analog Output Object, Analog V	/alue Object	No limitations
	/alue Object Properties Supported	No limitations  Comments and Limitations
Analog Output Object, Analog V	<u> </u>	Comments and
Analog Output Object, Analog V	Properties Supported	Comments and Limitations
Analog Output Object, Analog V	Properties Supported  Object_Identifier	Comments and Limitations  No Limitations  Returns "Map
Analog Output Object, Analog V	Properties Supported  Object_Identifier  Object_Name	Comments and Limitations  No Limitations  Returns "Map Descriptor Name"  Returns Analog



		When using standard Data Arrays returns FALSE for all bits
	Event_State	No Limitations
	Reliability	When using a Complex Data Objects, returns "Unreliable Other" when the Node is offline, or when the data is old. Returns FALSE if the Node is online or when using Standard Data Arrays
	Out_Of_Service	Fully supported when using a Complex Data Object. Returns FALSE when not OOS or when using standard Data Arrays
	Units	Returns Units as specified in the Map Descriptor
	Priority_Array	Returns Priority_Array of Map Descriptor
	Description	This property is supported
	Relinguish_Default	Returns Religuish _Default
Read Property Multiple	Same properties as Read Property	Read Property Multiple is fully supported. Multiple objects with multiple properties can be specified
	1	1
Write Operations Supported	Properties Supported	Comments and



		Limitations
Write Property Write Property Multiple	Present_Value	When using Complex Data Objects and OOS is TRUE, then the write will not cause a write-through operation to the Server side. If the OOS is FALSE or when using standard Data Arrays then writes will always cause a write-through operation to the Server side
Data Sharing Operations Supported	Properties Supported	Comments and Limitations
SubscribeCOV	Present_Value	Subscription storage is non-volatile
COVNotification	Present_Value	Confirmed and Unconfirmed
Alarm and Event Operations Supported	Properties Supported	Comments and Limitations
Event Notification	Present_Value, Status	Confirmed and Unconfirmed
AcknowledgeAlarm		No Limitations
Binary Input Object		
Read Operations Supported	Properties Supported	Comments and Limitations
	Object_Identifier	No Limitations
Read Property	Object_Name	Returns "Map Descriptor Name"
	Object_Type	Returns Analog Input



	Object type
Present_Value	Returns the binary value in the data array
Status_Flags	When using Complex Data Objects returns the FAULT and OUT_OF_SERVICE fields as indicated in section 12.2.7 of the BACnet specification. When using standard Data Arrays returns FALSE for all bits
Event_State	No Limitations
Reliability	When using a Complex Data Objects, returns "Unreliable Other" when the Node is offline, or when the data is old. Returns FALSE if the Node is online or when using Standard Data Arrays
Out_Of_Service	Fully supported when using Complex Data Object. Returns FALSE when not OOS or when using standard Data Arrays
Polarity	Always returns "Normal"
Active_Text	Returns Active Text as specified on the Map Descriptor
Description	This property is supported
Inactive_Text	Returns Inactive Text as specified on the Map Descriptor



Read Property Multiple	Same properties as Read Property	Read property Multiple is fully supported. Multiple objects with multiple properties can be specified
Write Operations Supported	Properties Supported	Comments and Limitations
Write Property Write Property Multiple	- Present_Value	Writing to the Present Value is allowed if the Object is OOS
Data Sharing Operations Supported	Properties Supported	Comments and Limitations
SubscribeCOV	Present_Value	Subscription storage is non-volatile
COVNotification	Present_Value	Confirmed and Unconfirmed
Alarm and Event Operations Supported	Properties Supported	Comments and Limitations
Event Notification	Present_Value, Status	Confirmed and Unconfirmed
AcknowledgeAlarm		No Limitations
Binary Output Object, Binary Value	Object	
Read Operations Supported	Properties Supported	Comments and Limitations
Read Property	Object_Identifier	No Limitations



Object_Name	Returns "Map
,	Descriptor Name"
Object_Type	Returns Analog Input Object type
Present_Value	Returns the binary value in the data array
Status_Flags	When using Complex Data Objects returns the FAULT and OUT_OF_SERVICE fields as indicated in section 12.2.7 of the BACnet specification. When using standard Data Arrays returns FALSE for all bits
Event_State	No Limitations
Reliability	When using a Complex Data Objects, returns "Unreliable Other" when the Node is offline, or when the data is old. Returns FALSE if the Node is online or when using Standard Data Arrays
Out_Of_Service	Fully supported when using Complex Data Object. Returns FALSE when not OOS or when using standard Data Arrays
Priority_Array	Returns Priority_Array of Map Descriptor
Religuish_Default	Returns Current Relinguish_Default
Description	This property is supported



	Active_Text	Returns Active Text as specified on the Map Descriptor
	Inactive_Text	Returns Inactive Text as specified on the Map Descriptor
Read Property Multiple	Same properties as Read Property	Read property Multiple is fully supported. Multiple objects with multiple properties can be specified
		T .
Write Operations Supported	Properties Supported	Comments and Limitations
Write Property		When using Complex
Write Property Multiple	Present_Value	Data Objects and OOS is TRUE, then the write will not cause a write-through operation to the downstream side. If the OOS is FALSE or when using standard Data Arrays when writes will always cause a write-through operation to the downstream side
Data Sharing Operations Supported	Properties Supported	Comments and Limitations
SubscribeCOV	Present_Value	Subscription storage is non-volatile
COVNotification	Present_Value	Confirmed and



Alarm and Event Operations Supported	Properties Supported	Comments and Limitations
Event Notification	Present_Value, Status	Confirmed and Unconfirmed
AcknowledgeAlarm		No Limitations
Multiple State Input Object		
Read Operations Supported	Properties Supported	Comments and Limitations
	Object_Identifier	No Limitations
	Object_Name	Returns "Map Descriptor Name"
	Object_Type	Returns Analog Input Object type
Read Property	Present_Value	Returns unsigned Integer value in the data array
	Status_Flags	When using Complex Data Objects returns the FAULT and OUT_OF_SERVICE fields as indicated in section 12.2.7 of the BACnet specification. When using standard Data Arrays returns FALSE for all bits
	Event_State	No Limitations
	Reliability	When using a Complex Data Objects, returns "Unreliable Other" when the Node is offline, or when the data is old. Returns FALSE if the Node is online or when using Standard



		Data Arrays
	Description	This property is supported
	Out_Of_Service	When using a Complex Data Object, the OOS property is fully supported. Returns FALSE when not OOS or when using standard Data Arrays
	Number_Of_State	When using a Complex Data Object, returns the number of states defined. When using Standard Data Arrays returns the value of 5
	State_Text	When using Complex Data Objects returns the State Text Strings defined. When using Standard Data Arrays return "State_X" where "X" is the value stored in Data_Array and could be 0 to 4
Read Property Multiple	Same properties as Read Property	Read property Multiple is fully supported. Multiple objects with multiple properties can be specified
Write Operations Supported	Properties Supported	Comments and Limitations
Write Property	Present_Value	Writing to the Present
Write Property Multiple	_	Value is allowed if the



		Object is OOS
	,	,
Data Sharing Operations Supported	Properties Supported	Comments and Limitations
SubscribeCOV	Present_Value	Subscription storage is non-volatile
COVNotification	Present_Value	Confirmed and Unconfirmed
Alarm and Event Operations	Properties Supported	Comments and
Supported		Limitations
Event Notification	Present_Value, Status	Confirmed and Unconfirmed
AcknowledgeAlarm		No Limitations
Multi-State Output Object, Multi	i-State Value Object	
Read Operations Supported	Properties Supported	Comments and
		Limitations
	Object_Identifier	No Limitations
Read Property	Object_Name	Returns "Map Descriptor Name"
	Object_Type	Returns Analog Input Object type
	Present_Value	Returns unsigned Integer value in the data array
	Status_Flags	When using Complex Data Objects returns the FAULT and OUT_OF_SERVICE fields as indicated in section 12.2.7 of the BACnet specification. When using standard Data Arrays returns FALSE for all bits



Event_State	No Limitations
Reliability	When using a Complex Data Objects, returns "Unreliable Other" when the Node is offline, or when the data is old. Returns FALSE if the Node is online or when using Standard Data Arrays
Out_Of_Service	Fully supported when using a Complex Data Object. Returns FALSE when not OOS or when using standard Data Arrays
Number_Of_State	When using a Complex Data Object, returns the number of states defined. When using Standard Data Arrays returns the value of 5
State_Text	When using Complex Data Objects returns the State Text Strings defined. When using Standard Data Arrays return "State_X" where "X" is the value stored in Data_Array and could be 0 to 4
Description	This property is supported
Priority_Array	Returns Priority_Array of Map Descriptor
Religuish_Default	Returns Relinguish_Default



Read Property Multiple	Same properties as Read Property	Read property Multiple is fully supported. Multiple objects with multiple properties can be specified
Write Operations Supported	Properties Supported	Comments and Limitations
Write Property Write Property Multiple	Present_Value	When using Complex Data Objects and OOS is FALSE or when using standard data arrays, writes will trigger a write through operation to client side
Data Sharing Operations	Properties Supported	Comments and
Supported	1 Toperties Supported	Limitations
SubscribeCOV	Present_Value	Subscription storage is non-volatile
COVNotification	Present_Value	Confirmed and Unconfirmed
Alarm and Event Operations Supported	Properties Supported	Comments and Limitations
Event Notification	Present_Value, Status	Confirmed and Unconfirmed
AcknowledgeAlarm		No Limitations
Notification Class Object		
Read Operations Supported	Properties Supported	Comments and Limitations
Read Property	Object_Identifier	No Limitations
. ,	Object_Name	Returns "Map



		Descriptor Name"
	Object_Type	Returns Notification Class Object type
	Description	No Limitations
	Notification_Class	No Limitations
	Priority	No Limitations
	Ack_Required	No Limitations
	Description	This Property is supported
	Recipient List	No Limitations
Read Property Multiple	Same properties as Read Property	Read property Multiple is fully supported. Multiple objects with multiple properties can be specified
Write Operations Supported	Properties Supported	Comments and Limitations
Write Property	Recipient_List	RecipientList storage
Write Property Multiple	Kecipient_List	is non-volatile
AddList	RecipientList	Used to subscribe to Alarm and Event Notifications
Life Safety Point Object		
Read Operations Supported	Properties Supported	Comments and Limitations
	Ohiost Identifica	No limitations
	Object_Identifier Object_Name	No limitations.  Returns "Map Descriptor Name".
Read Property	Object_Type	Returns Analog Input Object type.
	Present_Value	Returns unsigned integer value in the Data Array.



<b>Data Sharing Operations</b>	Properties Supported	Comments and
Write Property Multiple	Present_Value	Writing to the Present Value is allowed if the Object is OOS.
Write Property	Operation_Expected	List of LifeSafety Operations, only 'None' operation is supported.
	Mode	Operating Mode. Only 'ON' mode is supported.
	Present_Value	Writing to the Present Value is allowed if the Object is OOS.
	Object_Name	Sets Object_Name.
		Limitations
Write Operations Supported	Properties Supported	Comments and
Read Property multiple	Same properties as Read Property	Read Property Multiple is fully supported. Multiple objects with multiple properties can be specified.
	Property_List	Returns the list of supported properties.
	Operation_Expected	List of LifeSafety Operations, only 'None' operation is supported.
	Silenced	but only "All Silenced" supported.
	Accepted_Modes	List of Operating Modes  Represents silenced state,
	Mode	Operating Mode. Only 'ON' mode is supported.
	Out_Of_Service	Return FALSE when not OOS or when using standard Data Arrays.
		When using a Complex Data Object, the OOS property is fully supported.
	Description	Data Arrays.  This property is supported.
	Reliability	the Node is offline, or when the data is old. Returns FALSE if the Node is online or when using Standard
		When using a Complex Data Objects, returns "Unreliable Other" when
	Event_State	No limitations.
		Reference Section of the BACnet specification. When using standard Data Arrays returns FALSE for all bits.
		and OUT_OF_SERVICE fields as indicated in the



Supported		Limitations
SubscribeCOV	Present_Value	Subscription storage is non-volatile.
COVNotification	Present_Value	Confirmed and Unconfirmed.
Alarm and Event Operations Supported	Properties Supported	Comments and Limitations
EventNotification	Present_Value, Status	Confirmed and Unconfirmed.
AcknowledgeAlarm	No Limitations.	
Unsupported Functions and Data	Туреѕ	
BACnet Object Type not Supporte	ed	
Averaging Object		
Calendar Object		
Command Object		
Event Enrollment Object		
File Object		
Group Object		
Life Safety Zone Object		
Loop Object		
Notification Class Object unsupporte	d on Client side only	
Program Object		
Schedule Object		
BACnet Services not Supported		
Alarm and Event Services unsupport	ed on Client side only	
File Access Services		
Virtual Terminal Services		
COV and EventNotification services a	re not supported for BACnet	
MSTP on the ProtoCessor		



For BACnet MSTP , PTP and Arcnet , COV services are disabled by default and may be enabled by
setting the Node_Option property to COV_Enable in the Nodes section configuration file.



# **Dimensions:**

