

# BERT® Smart Plug Series

Plug-in Measurement  
& Control for Individual  
BERT Smart Plug  
110V/15A Devices



	BERT 110AP	BERT 110X
Dimensions	2.56"H x 2.95"W x 1.24"D	3.5"H x 3.5"W x 2"D
Weight	4 Ounces	4.4 Ounces
Voltage	125 VAC	120 VAC
Amperage	Up to 15 Amps	Up to 15 Amps
Wireless Specifications	2.4/5 GHz, 802.11 a/b/g/n	2.4/5 GHz, 802.11 a/b/g/n
Network Security	WPA/WPA2-PSK, WPA/WPA2-Enterprise	WPA/WPA2-PSK, WPA/WPA2-Enterprise
Operating Environment	Indoor Use only	Indoor Use Only
Manual Override Button	Yes	Yes
Integration	BACnet IP, RESTful Service, BERT Gateway	BACnet/IP, RESTful Services
Standard Software	Measurement, Analysis, Control	Measurement, Analysis, Control
Intelligent Control Options	Threshold, Temperature	Threshold, Temperature
Measurement Accuracy	+/- 3%	+/-5%
Update Frequency	Configurable: 1 to 999 seconds	Configurable: 1 to 999 seconds
Stored Measurement Data–Server	Unlimited	Unlimited
Stored Measurement Data–BERT	14-Day Rolling Log	14-Day Rolling Log
M & V Reporting	Daily, Weekly, Monthly, Yearly, User Defined	Daily, Weekly, Monthly, Yearly, User Defined
Communication Protocol	UDP	UDP
Certifications	UL 60730-1:2016, CAN/CSA E60730-1:2015, FCC	UL 916 and 60950-1, FCC



# BERT® Smart Plug 110AP

Plug-in Measurement & Control for Individual  
110V/15A Devices

Dimensions	2.56"H x 2.95"W x 1.24"D
Weight	4 Ounces
Voltage	125 VAC
Amperage	Up to 15 Amps
Wireless Specifications	2.4/5 GHz, 802.11 a/b/g/n
Network Security	WPA/WPA2-PSK, WPA/WPA2-Enterprise
Operating Environment	Indoor Use only
Manual Override Button	Yes
Integration	BACnet IP, RESTful Service, BERT Gateway
Standard Software	Measurement, Analysis, Control
Intelligent Control Options	Threshold, Temperature
Measurement Accuracy	+/- 3%
Update Frequency	Configurable: 1 to 999 seconds
Stored Measurement Data – Server	Unlimited
Stored Measurement Data – BERT	14-Day Rolling Log
M & V Reporting	Daily, Weekly, Monthly, Yearly, User Defined
Communication Protocol	UDP
Certifications	UL 60730-1:2016, CAN/CSA E60730-1:2015, FCC



# BERT® Smart Plug 110X

Plug-in Measurement & Control for Individual 110V/15A Devices

Dimensions	3.5" H x 3.5" W x 2" D
Weight	4.4 Ounces
Voltage	120 VAC
Amperage	Up to 15 Amps
Wireless Specifications	2.4/5 GHz, 802.11 a/b/g/n
Network Security	WPA/WPA2-PSK, WPA/WPA2-Enterprise
Operating Environment	Indoor Use Only
Manual Override Button	Yes
Integration	BACnet/IP, RESTful Services
Standard Software	Measurement, Analysis, Control
Intelligent Control Options	Threshold, Temperature
Measurement Accuracy	+/-5%
Update Frequency	Configurable: 1 to 999 seconds
Stored Measurement Data – Server	Unlimited
Stored Measurement Data – BERT	14-Day Rolling Log
M & V Reporting	Daily, Weekly, Monthly, Yearly, User Defined
Communication Protocol	UDP
Certifications	UL 916 and 60950-1, FCC