Description	Part No.
BINVENTORY	
Binventory controller software with graphical display and inventory history in a SQL database for up to 99 SmartBob II remote sensors.	730-0537
Binventory Client Viewer software allows multiple-user updating through a GUI front end to a shared SQL database. One Binventory client software package is required per site where the Binventory server software is running. The Binventory client software can be installed on up to five PCs.	730-0538
Binventory software upgrade	323-0060

BINVENTORY SENSOR COMPATIBILITY

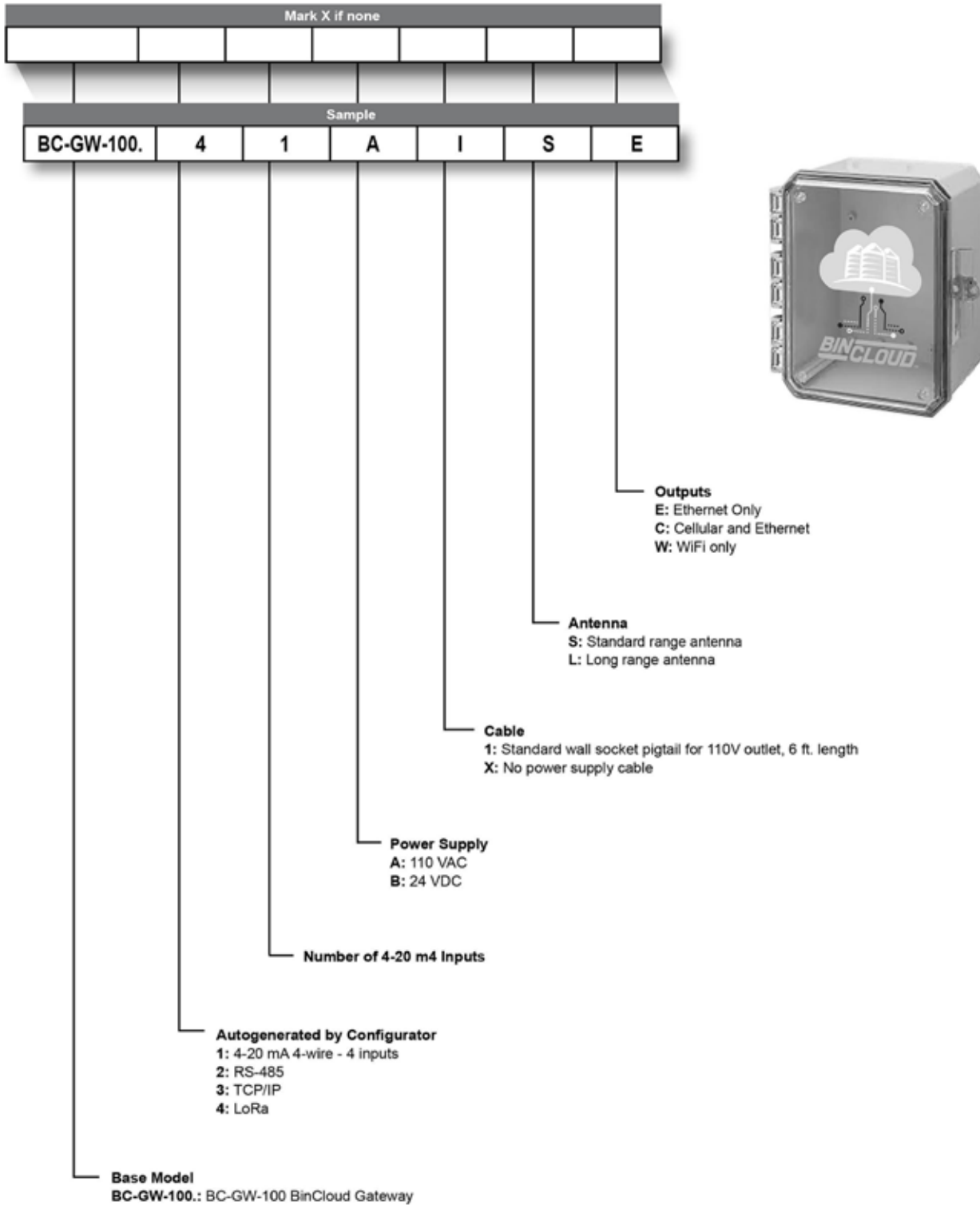| Sensor	Protocol	Data Rate (bps)
SmartBob	Protocol B	2400
SmartBob-II	Protocol A	2400
SmartBob-II Average	Protocol A	2400
SmartSonic	Modbus/RTU	19200
3DLevelScanner	Modbus/RTU	115200
SmartBob via C-100MB	Modbus/RTU	9600
SPL-200 Laser	SPL-200 Protocol	9600
NCR-80 Open Air Radar	Modbus/RTU	9600
NCR-84 Non-Contact Radar	Modbus/RTU	9600
NCR-21 Non-Contact Radar	Modbus/RTU	9600
NCR-25 Non-Contact Radar	Modbus/RTU	9600
NCR-30 Non-Contact Radar	Modbus/RTU	9600
GWR-2000 Guided Wave Radar	Modbus/RTU	9600

BinView & Gateways

NO DISCOUNTS OR COMMISSIONS ON BINVIEW

BinView is a web-based application for remote inventory monitoring of solids or liquids in tanks, bins, or silos. It is compatible with an array of BinMaster sensors as well as other sensors that have a 4-20 mA analog output or Modbus RTU. With automated alerts and a real-time inventory data display, BinView makes it easy to manage multiple vessels at multiple locations BinView provides an intuitive interface optimized for both desktop and mobile devices. Administrator controls let you specify user privileges, allowing multiple users to access information—if desired—while securing against unauthorized changes to the system.

Description	Part No.
BINVIEW	
BinView - One (1) Year Annual Subscription, for a single gateway. Includes SMS text and email alerts.	730-2100
BinView - One (1) Year Annual Subscription, for a each sensor. Includes SMS text and email alerts.	730-2101
BINVIEW GATEWAYS	
Indoor ConnectPort X4 Gateway, XBee or RS-485 to Ethernet & Cellular CDMA (Verizon or AT&T)	730-0588
Outdoor ConnectPort X4H Gateway, XBee or RS-485 to Ethernet & Cellular CDMA (Verizon or AT&T) in NEMA 4X/IP66 enclosure	730-0605
Indoor ConnectPort X4 Gateway, XBee or RS-485 to Ethernet only	730-0603
RS-232 to RS-485 interface used to connect computer serial port to RS-485 network when using Binventory software	730-0202
BINVIEW CELLULAR DATA PLANS	
Cellular data plan 1 MB/month, approximately 96 sensor readings/day - multiple carriers including AT&T, Verizon, Sprint, US Cellular	730-2138
Cellular data plan 2 MB/month, approximately 180 sensor readings/day - multiple carriers including AT&T, Verizon, Sprint, US Cellular	730-2139
Cellular data plan 5 MB/month, approximately 500 sensor readings/day - multiple carriers including AT&T, Verizon, Sprint, US Cellular	730-2140

Mark X if none							
Sample							
BC-GW-100.	4	1	A	I	S	E	

Outputs
E: Ethernet Only
C: Cellular and Ethernet
W: WiFi only

Antenna
S: Standard range antenna
L: Long range antenna

Cable
1: Standard wall socket pigtail for 110V outlet, 6 ft. length
X: No power supply cable

Power Supply
A: 110 VAC
B: 24 VDC

Number of 4-20 m4 Inputs

Autogenerated by Configurator
1: 4-20 mA 4-wire - 4 inputs
2: RS-485
3: TCP/IP
4: LoRa

Base Model
BC-GW-100.: BC-GW-100 BinCloud Gateway

Description	CODE
BINCLOUD GATEWAY BASE UNIT	
BC-GW-100 BinCloud Gateway collects sensor data and sends it to the BinCloud platform on the web. The BC-GW-100 consists of:	BC-GW-100.
BINCLOUD GATEWAY INPUTS	
Inputs - 4-20 mA 4 wire - Four inputs	2
Inputs - RS-485	3
Inputs - TCP/IP	4
Inputs - LoRa	5
BINCLOUD GATEWAY OUTPUTS	
Outputs - Ethernet Only	E
Outputs - Cellular and Ethernet	C
Outputs - WiFi only	W
BINCLOUD GATEWAY POWER SUPPLY	
Power Supply - 110 VAC	A
Power Supply - 24 VDC	B
BINCLOUD GATEWAY CABLE	
Cable - Standard wall socket pigtail for 110V outlet, 6ft in length	1
Cable - No power supply cable	X
BINCLOUD GATEWAY ANTENNA	
Antenna - Standard range antenna	S
Antenna - Long range antenna	L

Stockpile Reports

Binmaster brings precision and reliability to measuring and monitoring volume and tonnage in free standing stockpiles. Stockpile Reports automates pile measurement using pictures from an iPhone, drone, plane, or fixed camera. Data is accessed and shared on a web portal–completely digitizing material management. Dashboards populated with photographs, site statistics, and materials report vital information on the volume, tonnage, and condition risks for each pile. This SaaS subscription allows users to track pile inventory on a monthly, weekly, or even daily basis. This simple online service requires no special hardware and is scalable from five to thousands of piles for one site or an entire corporation.

Description
DRONE FLIGHTS
12 flight package
36 flight package
ACCESSORIES
Cone set for measuring piles using iPhone image application. Includes two cones and chain set for proper distance.

SUBSCRIPTIONS

UP TO XX PILES	ONE MONTH TRIAL	ANNUAL SUBSCRIPTION	AVERAGE $/PILE
5	$150.00	$1,500.00	$30.00
10	$200.00	$2,000.00	$20.00
15	$258.00	$2,580.00	$17.20
20	$310.00	$3,100.00	$15.50
25	$363.00	$3,630.00	$14.52
35	$468.00	$4,680.00	$13.37
50	$588.00	$5,880.00	$11.76
60	$690.00	$6,900.00	$11.50
70	$788.00	$7,880.00	$11.26
80	$880.00	$8,800.00	$11.00
90	$968.00	$9,680.00	$10.76
100	$1,000.00	$10,000.00	$10.00
125	$1,281.00	$12,810.00	$10.25
175	$1,706.00	$17,060.00	$9.75
200	$1,900.00	$19,000.00	$9.50
250	$2,313.00	$23,130.00	$9.25
350	$3,063.00	$30,630.00	$8.75
400	$3,400.00	$34,000.00	$8.50
450	$3,713.00	$37,130.00	$8.25
500	$4,000.00	$40,000.00	$8.00