

Bleyco System Components	BASE ESOBB SAS Bill of Materials	REV
Part Number	Description	Qty
Panel System and Components		
BCTP3CS-N4-0RC-1IRC-0TC BCTP-SP5A BCTP-SP7A	Control Panel - Hoffman Nema 4 - 0 Non IR Camera System, 1 IR Camera System, 0 TC Camera System - SS 316L - 36"T x 30"W x 10" deep - 33"T x 27"W Backpanel made CNC Machine for precise repeatability, holed and fitted with studed nuts for 3 camera systems and with final powder coating White. 1 Each GE 120VAC to 24VAC Machine tool transformer 75W for Washer Systems, Phoenix 1 each 12VDC 5 Amps Din Rail Mounted for Motion Sensors, 1 each 12 Postion Ground Block, 7 each 5 Amp Circuit Breakers and 1 each 15 Amp Circuit Breaker Terminal Blocks for 22 to 10 AWG wire, 6 each Nuetral Terminal Blocks for 22 to 10 AWG wire, 2 each Stacks of 16 terminal blocks to support field wiring to Video Encoders, Terminal blocks to support 2 Washer systems 24 VAC power, Panel wiring and cabling is color coded by design for identification purposes, RG6 video cable with 90 degree fittings for Encoder to PSU connections, Serial Cable is CAT 5E and UL 508 rating. Panel will have a black Nameplate etched on White and Major components, VideoJet X10 and/or X20 and PSU will also have a nameplate.	2
BCTP3CS-N4-1RC-2IRC-0TC BCTP-T1-89A	Control Panel - Hoffman Nema 4 - 1 Non IR Camera System, 2 IR Camera System, 0 TC Camera System - SS 316L - 36"T x 30"W x 10" deep - 33"T x 27"W Backpanel made CNC Machine for precise repeatability, holed and fitted with studed nuts for 3 camera systems and with final powder coating White. 1 Each GE 120VAC to 24VAC Machine tool transformer 75W for Washer Systems, Phoenix 1 each 12VDC 5 Amps Din Rail Mounted for Motion Sensors, 1 each 13 Postion Ground Block, 7 each 5 Amp Circuit Breakers and 1 each 15 Amp Circuit Breaker Terminal Blocks for 22 to 10 AWG wire, 7 each Nuetral Terminal Blocks for 22 to 10 AWG wire, 3 each Stacks of 16 terminal blocks to support field wiring to Video Encoders, Terminal blocks to support 3 Washer systems 24 VAC power, Panel wiring and cabling is color coded by design for identification purposes, RG6 video cable with 90 degree fittings for Encoder to PSU connections, Serial Cable is CAT 5E and UL 508 rating. Panel will have a black Nameplate etched on White and Major components, VideoJet X10 and/or X20 and PSU will also have a nameplate.	1

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Panel System and Components		
BCTP3CS-N4-0RC-2IRC-0TC BCTP-T1-139A BCTP-T1-13A	Control Panel - Hoffman Nema 4 - 0 Non IR Camera System, 2 IR Camera System, 0 TC Camera System - SS 316L - 36"T x 30"W x 10" deep - 33"T x 27"W Backpanel made CNC Machine for precise repeatability, holed and fitted with studded nuts for 3 camera systems and with final powder coating White. 1 Each GE 120VAC to 24VAC Machine tool transformer 75W for Washer Systems, Phoenix 1 each 12VDC 5 Amps Din Rail Mounted for Motion Sensors, 1 each 12 Postion Ground Block, 7 each 5 Amp Circuit Breakers and 1 each 15 Amp Circuit Breaker Terminal Blocks for 22 to 10 AWG wire, 6 each Nuetral Terminal Blocks for 22 to 10 AWG wire, 2 each Stacks of 16 terminal blocks to support field wiring to Video Encoders, Terminal blocks to support 2 Washer systems 24 VAC power, Panel wiring and cabling is color coded by design for identification purposes, RG6 video cable with 90 degree fittings for Encoder to PSU connections, Serial Cable is CAT 5E and UL 508 rating. Panel will have a black Nameplate etched on White and Major components, VideoJet X10 and/or X20 and PSU will also have a nameplate.	2
BCT2P6CS-N4-2RC-2IRC-2TC BCTP-T1-156A/B	2 Control Panel System - Hoffman Nema 4 - 2 Non IR Camera System, 2 IR Camera System, 2 TC Camera System - SS 316L - 36"T x 30"W x 10" deep - 33"T x 27"W Backpanel made CNC Machine for precise repeatability, holed and fitted with studded nuts for 6 camera systems and with final powder coating White. 2 Each GE 120VAC to 24VAC Machine tool transformer 75W for Washer Systems, Phoenix 2 each 12VDC 5 Amps Din Rail Mounted for Motion Sensors, 2 each 10 Postion Ground Block, 10 each 5 Amp Circuit Breakers and 1 each 15 Amp Circuit Breaker Terminal Blocks for 22 to 10 AWG wire, 11 each Nuetral Terminal Blocks for 22 to 10 AWG wire, 6 each Stacks of 16 terminal blocks to support field wiring to Video Encoders, Terminal blocks to support 6 Washer systems 24 VAC power, Panel wiring and cabling is color coded by design for identification purposes, RG6 video cable with 90 degree fittings for Encoder to PSU connections, Serial Cable is CAT 5E and UL 508 rating. Panel will have a black Nameplate etched on White and Major components, VideoJet X10 and/or X20 and PSU will also have a nameplate.	1

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Panel System and Components		
<p>BCTP6CS-N4-5RC-1IRC-0TC BCTP-SP8A/B</p>	<p>2 Control Panel System - Hoffman Nema 4 - 5 Non IR Camera System, 1 IR Camera System, 0 TC Camera System - SS 316L - 36"T x 30"W x 10" deep - 33"T x 27"W Backpanel made CNC Machine for precise repeatability, holed and fitted with studded nuts for 6 camera systems and with final powder coating White. 2 Each GE 120VAC to 24VAC Machine tool transformer 75W for Washer Systems, Phoenix 2 each 12VDC 5 Amps Din Rail Mounted for Motion Sensors, 2 each 10 Postion Ground Block, 10 each 5 Amp Circuit Breakers and 1 each 15 Amp Circuit Breaker Terminal Blocks for 22 to 10 AWG wire, 11 each Nuetral Terminal Blocks for 22 to 10 AWG wire, 6 each Stacks of 16 terminal blocks to support field wiring to Video Encoders, Terminal blocks to support 6 Washer systems 24 VAC power, Panel wiring and cabling is color coded by design for identification purposes, RG6 video cable with 90 degree fittings for Encoder to PSU connections, Serial Cable is CAT 5E and UL 508 rating. Panel will have a black Nameplate etched on White and Major components, VideoJet X10 and/or X20 and PSU will also have a nameplate.</p>	<p>1</p>
<p>BCT2P6CS-N4-2RC-2IRC-0TC BCTP-T1-127A/B</p>	<p>2 Control Panel System - Hoffman Nema 4 - 2 Non IR Camera System, 2 IR Camera System, 0 TC Camera System - SS 316L - 36"T x 30"W x 10" deep - 33"T x 27"W Backpanel made CNC Machine for precise repeatability, holed and fitted with studded nuts for 6 camera systems and with final powder coating White. 2 Each GE 120VAC to 24VAC Machine tool transformer 75W for Washer Systems, Phoenix 2 each 12VDC 5 Amps Din Rail Mounted for Motion Sensors, 1 each 12 Postion Ground Block, 9 each 5 Amp Circuit Breakers and 1 each 15 Amp Circuit Breaker Terminal Blocks for 22 to 10 AWG wire, 10 each Nuetral Terminal Blocks for 22 to 10 AWG wire, 6 each Stacks of 16 terminal blocks to support field wiring to Video Encoders, Terminal blocks to support 6 Washer systems 24 VAC power, Panel wiring and cabling is color coded by design for identification purposes, RG6 video cable with 90 degree fittings for Encoder to PSU connections, Serial Cable is CAT 5E and UL 508 rating. Panel will have a black Nameplate etched on White and Major components, VideoJet X10 and/or X20 and PSU will also have a nameplate.</p>	<p>1</p>

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Panel System and Components		
<p>BCT2P6CS-N4-3RC-3IRC-0TC BCTP-T1-53A/B</p>	<p>2 Control Panel System - Hoffman Nema 4 - 3 Non IR Camera System, 3 IR Camera System, 0 TC Camera System - SS 316L - 36"T x 30"W x 10" deep - 33"T x 27"W Backpanel made CNC Machine for precise repeatability, holed and fitted with studded nuts for 6 camera systems and with final powder coating White. 2 Each GE 120VAC to 24VAC Machine tool transformer 75W for Washer Systems, Phoenix 2 each 12VDC 5 Amps Din Rail Mounted for Motion Sensors, 1 each 12 Postion Ground Block, 9 each 5 Amp Circuit Breakers and 1 each 15 Amp Circuit Breaker Terminal Blocks for 22 to 10 AWG wire, 10 each Nuetral Terminal Blocks for 22 to 10 AWG wire, 6 each Stacks of 16 terminal blocks to support field wiring to Video Encoders, Terminal blocks to support 6 Washer systems 24 VAC power, Panel wiring and cabling is color coded by design for identification purposes, RG6 video cable with 90 degree fittings for Encoder to PSU connections, Serial Cable is CAT 5E and UL 508 rating. Panel will have a black Nameplate etched on White and Major components, VideoJet X10 and/or X20 and PSU will also have a nameplate.</p>	<p>1</p>
<p>BCT2P6CS-N4-4RC-1IRC-0TC BCTP-SP4A/B</p>	<p>2 Control Panel System - Hoffman Nema 4 - 4 Non IR Camera System, 1 IR Camera System, 0 TC Camera System - SS 316L - 36"T x 30"W x 10" deep - 33"T x 27"W Backpanel made CNC Machine for precise repeatability, holed and fitted with studded nuts for 6 camera systems and with final powder coating White. 2 Each GE 120VAC to 24VAC Machine tool transformer 75W for Washer Systems, Phoenix 2 each 12VDC 5 Amps Din Rail Mounted for Motion Sensors, 1 each 12 Postion Ground Block, 9 each 5 Amp Circuit Breakers and 1 each 15 Amp Circuit Breaker Terminal Blocks for 22 to 10 AWG wire, 10 each Nuetral Terminal Blocks for 22 to 10 AWG wire, 6 each Stacks of 16 terminal blocks to support field wiring to Video Encoders, Terminal blocks to support 6 Washer systems 24 VAC power, Panel wiring and cabling is color coded by design for identification purposes, RG6 video cable with 90 degree fittings for Encoder to PSU connections, Serial Cable is CAT 5E and UL 508 rating. Panel will have a black Nameplate etched on White and Major components, VideoJet X10 and/or X20 and PSU will also have a nameplate.</p>	<p>1</p>

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Panel System and Components		
BP19R-1CS-0RC-1IRC-0TC BCP-SP6	19" Rack Back Panel - 0 Non IR Camera System, 1 IR Camera System, 0 TC Camera System - Aluminum - XX"T x XX"W x XX" deep made CAD/CAM for precise repeatability, holed and fitted with studded nuts for X camera systems. 1 Each GE 120VAC to 24VAC Machine tool transformer 75W for Washer Systems, Phoenix 1 each 12VDC 5 Amps Din Rail Mounted for Motion Sensors, 1 each 7 Postion Ground Block, 5 each 5 Amp Circuit Breaker and 1 each 15 Amp Circuit Breaker Terminal Blocks for 22 to 10 AWG wire, 6 each Nuetral Terminal Blocks for 22 to 10 AWG wire, 1 each Stacks of 10 terminal blocks to support field wiring to Video Encoders, Terminal blocks to support 1 Washer systems 24 VAC power, Panel wiring and cabling is color coded by design for identification purposes, RG6 video cable with 90 degree fittings for Encoder to PSU connections, Serial Cable is CAT 5E and UL 508 rating. 19" Rack Backplane will have a black Nameplate etched on White and Major components, VideoJet X10 and/or X20 and PSU will also have a nameplate.	1
Belden - SC/SC Duplex Single-Mode Patch Cord - 1 meter	Belden - SC/SC Duplex Single-Mode Patch Cord - 1 meter	72
Belden - CAT 5E Patch Cord - 1 Meter	Belden - CAT 5E Patch Cord - 1 Meter	74
Camera Systems		
MIC-550ALW36N	MIC550 Aluminum 36X, Day/Night, PTZ, White, NTSC	13
MIC-550IRW36N	MIC550 IR Aluminum 36X, Day/Night, PTZ, White, NTSC	18
MIC-612TFALW36N	MIC Dual Thermal, PTZ Standard Resolution, 30HZ White 36X NTSC	2
MIC-SCA-WD	MIC550 Shallow Conduit Adapter - White	16
MIC-WMB-WD	MIC550 Wall Mount Bracket - White	21
MIC-WMB-WD-CUS	MIC550 Short Wall Mount Bracket - White Custom	5
MIC-CMB-WD	MIC550 Corner Mount Bracket	6
MIC-SPR-WD	MIC550 Wall Mount Spreader Plate - White	7
MIC-10M-S	MIC550 10 Meter Shielded Composite Cable with Connector	5
MIC-25M-S	MIC550 25 Meter Shielded Composite Cable with Connector	23
MIC-THERCBL-25M	MIC612 25 Meter Shielded Composite Cable with Connector	2
MIC-N4X-CAB-CUS	MIC Cable Adapter Box for 2 Meter Cable to Field Cable Termination. - 8"T x 4"W x 4"D Nema 4X, Hinged Door, Clamps, Back Panel, Tabs	35
Belden Custom Camera Cables		
Y35924	Belden Composit Cable for Camera with 12 AWG Power - Price Per foot	10000
Y59938	Belden Composit Cable for Thermal Cameras with 12 AWG Power - Price Per Foot	5000
Protech Motion Sensors		
SDI-77XL2-H40-BBW	Protech Motion Sensor	5
SDI-76XL2-H-FF3-BBW	Protech Motion Sensor	22
Services - Commissioning	Cost to provide IndustrialENET personnel during Commissining Phase - In Man days - Exp. All Inclusive with 1 weeks notice and at least 5 consecutive days.	20

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Panel System and Components		
Estimated Shipping	Shipping Charges will be bill at cost.	1