



Bosch Security Systems, Inc.
Communications Systems Division
TELEX RADIO DISPATCH - RETAIL PRICING

Effective February 1, 2016

All prices are in U.S. Dollars - this supersedes all previous lists

All information herein is proprietary and confidential information of Bosch Communications Systems, Inc., and is not to be disclosed or duplicated without the prior written approval of an authorized representative of Bosch Communications Systems, Inc.

[Telex Radio Dispatch Products Website](#)

TABLE OF CONTENTS

<u>CONTACT INFORMATION</u>
C-6200, IP-1616, IP-2002, Console accessories & HB3
C-Soft Dispatch Console Positions, ADHB4, SIP, Mics and Headsets
IP-224, IP-224 Accessories, IP25300
IP223 accessories and NEO-10
C-2000, C-2000-HS, C-2002-HS, C-1616 2,4 or 6 line Analog consoles
DSP-223 / TRA-223 tone adaptors
<u>SALES TERMS & CONDITIONS</u>
<u>DATA SHEET (ALPHA-NUMERIC LIST)</u>



CONTACT INFO TO PLACE AN ORDER (US and CANADA)

Phone: 800-289-0096 Option 3

Fax: 800-955-6831

e-mail: dispatch@us.bosch.com

CONTACT INFO FOR DISPATCH TECHNICAL SUPPORT

Phone: 800-898-6723

e-mail: telexdispatchtechsupport@us.bosch.com

CONTACT INFO FOR REPLACEMENT PART ORDERS & SERVICE

Phone: 800-553-5992

Fax: 402-467-3279

e-mail: repair.lincoln@us.bosch.com

For factory service/repair, please ensure that the RMA number provided to you by the Service Desk is clearly visible on the outside of the package. The mailing address for communications product service/repair is as follows:

Bosch Security Systems, Inc.
Dock B (*Reference RMA Number*)
8601 East Cornhusker Hwy
Lincoln, NE 68507

IP Consoles



C-6200 ships as an 18 line IP/Tone console. For direct tone connections and a telephone interface order TCRD or PCRD cards. The console is set up to use the GNM gooseneck mic, but other desk mics can be ordered from accessories. Console does not ship with a microphone, order from accessories.

PRODUCT	SAP NUMBER	DESCRIPTION	MSRP
C-6200-18 @PI	F.01U.148.919	C-6200-US, 18 Line VoIP Console - Factory Options	\$8,997.00
6200TCRD@PI	F.01U.145.241	Dual Line Card for C-6200 Console, Installed	\$613.00
6200-PCRD CARD- FIELD	F.01U.144.216	6200-PCRD Public System Telephone Network Card, Field Kit	\$1,417.00
6200-TCRD CARD- FIELD	F.01U.145.239	Dual Line Card for C-6200 Console, Field	\$613.00
6200 COVER KIT	F.01U.146.594	C-6200 Knock-Out Cover Kit	\$18.40
Handset Option 6200	F.01U.149.000	Handset for C-6200, IP-1616, and C-1616 Field Installation Option	\$283.00
HS-4	F.01U.144.192	Handset for C-6200, IP-1616, and C-1616 Factory Installation Option	\$256.00
GNM-18	F.01U.120.335	Gooseneck Microphone 18"	\$261.00
MD-MS	F.01U.117.309	MD-MS DESK MIC	\$204.00



The IP-1616 ships as an 8 line IP console and can be used in conjunction with other IP consoles on a network. The console is set up to use a GNM gooseneck mic, but other desk mics can be ordered from accessories. Console does not ship with a microphone, order from accessories.

PRODUCT	SAP NUMBER	DESCRIPTION	MSRP
IP-1616-US	F.01U.117.296	IP-1616 8 Line VoIP Console, US Version	\$4,574.00
Handset Option 6200	F.01U.149.000	Handset for C-6200, IP-1616, and C-1616 Field Installation Option	\$283.00
HS-4	F.01U.144.192	Handset for C-6200, IP-1616, and C-1616 Factory Installation Option	\$256.00
GNM-18	F.01U.120.335	Gooseneck Microphone 18"	\$261.00
MD-MS	F.01U.117.309	MD-MS DESK MIC	\$204.00



The IP-2002 ships as a 2 line IP console telephone style desk set and can be used in conjunction with other IP consoles on a network. The console is set up to use the built in handset or mic and PTT button on the face of the unit.

PRODUCT	SAP NUMBER	DESCRIPTION	MSRP
IP-2002-US	F.01U.117.305	IP 2002-US, 2 Line Console	\$2,211.00
2002 WMK	F.01U.138.514	C-2002 or IP-2002 Wall Mount Bracket	\$112.00
MD-MS	F.01U.117.309	MD-MS DESK MIC	\$204.00

Headset Adaptor



The HB-3+ is designed to give the push button consoles a headset adaptor. As of January 1, 2011 the HB3 will only be sold with the C-6200, IP-1616, IP-2002, and all of the C-1616 and C-2000 series analog consoles.

PRODUCT	SAP NUMBER	DESCRIPTION	MSRP
HB-3 Plus-US	F.01U.117.762	HB-3 Plus ADAPTER BOX	\$965.00

Build your C-Soft IP Dispatch Console Position

To build your dispatch positions choose a PC platform, Monitor, C-Soft line key, ADHB4 Audio Adaptor Interface and accessories. SIP Telephone, DFSI, NXDN Trunking and Per-Line Call playback are available value added options that can be added to any position.

Choose PC Hardware Platform

PRODUCT	SAP NUMBER	DESCRIPTION	MSRP
NEXUS-IP-US-THN	F.01U.290.343	Desktop with Windows 7 (CPU), specified C-Soft installed, and Mouse & Keyboard. (DOES NOT INCLUDE SPEAKERS)	\$2,989.00

Choose C-Soft v7.0 License Size

PRODUCT	SAP NUMBER	DESCRIPTION	MSRP
C-SOFT7 2L	F.01U.307.023	C-Soft 2-line SOFTWARE v7	\$1,802.00
C-SOFT7 6L	F.01U.307.024	C-Soft 6-line SOFTWARE v7	\$3,849.00
C-SOFT7 12L	F.01U.307.025	C-Soft 12-line SOFTWARE v7	\$4,813.00
C-SOFT7 24L	F.01U.307.026	C-Soft 24-line SOFTWARE v7	\$6,018.00
C-SOFT7 50L	F.01U.307.027	C-Soft 50-line SOFTWARE v7	\$6,620.00
C-SOFT7 100L	F.01U.307.028	C-Soft 100-line SOFTWARE v7	\$7,825.00
C-SOFT7 150L	F.01U.307.029	C-Soft 150-line SOFTWARE v7	\$8,427.00
C-SOFT7 200L	F.01U.307.030	C-Soft 200-line SOFTWARE v7	\$9,007.00
C-SOFT7 UGRADE	F.01U.307.031	Upgrade Previous C-Soft to C-Soft v7	\$595.00

Choose Monitor(s)

PRODUCT	SAP NUMBER	DESCRIPTION	MSRP
NEXUSIPU22LED	F.01U.303.136	22" LED monitor	\$568.00
19" T.S. LCD monitor	F.01U.144.930	19" T.S. LCD monitor	\$1,823.00

Choose Dispatcher Audio Interface



ADHB-4

The ADHB-4 is the standard audio adapter for the C-soft console. This panel provides the sound card and the ability for up to 6 speakers. This adapter hosts the Headsets, footswitch, speakers and telephone headset jack.

PRODUCT	SAP NUMBER	DESCRIPTION	MSRP
ADHB-4 US	F.01U.149.779	ADHB-4, ADVANCED AUDIO INTERFACE	\$2,471.00
RHB-1	F.01U.149.785	RHB-1, REMOTE HEADSET BOX (NOTE: Max RHB's per ADHB-4 is 2)	\$310.00
ADHB-4MTBRK	F.01U.163.360	ADHB-4 MOUNTING BRACKETS	\$56.30

SIP, P25 DFSI, and Kenwood NEXEDGE Direct IP licenses enable existing lines in C-Soft to operate with these special interfaces. (Example: A position requiring 6 SIP extensions, 2 DFSI lines, 2 NEXEDGE lines, and 12 radios controlled by IP-224 add up to 22 lines, which would require at least a 24 line C-Soft license because the next smaller C-Soft license is only 12 lines)

Choose SIP Option (For C-Soft v7.0)

PRODUCT	SAP NUMBER	DESCRIPTION	MSRP
SIP 6L	F.01U.307.047	SIP 6-line C-Soft v7	\$750.00
SIP 12L	F.01U.307.048	SIP 12-line C-Soft v7	\$1,875.00

Choose P25 DFSI Option (For C-Soft v7.0)

PRODUCT	SAP NUMBER	DESCRIPTION	MSRP
P25 DFSI 2L	F.01U.307.042	P25 DFSI Direct IP 2-line	\$3,180.00
P25 DFSI 6L	F.01U.307.043	P25 DFSI Direct IP 6-line	\$6,180.00
P25 DFSI 12L	F.01U.307.044	P25 DFSI Direct IP 12-line	\$9,180.00
P25 DFSI 24L	F.01U.307.045	P25 DFSI Direct IP 24-line	\$15,180.00

Note: There is a limit of 12 parallel consoles maximum in a system.

Choose NEXEDGE Direct IP Option (For C-Soft v7.0)

PRODUCT	SAP NUMBER	DESCRIPTION	MSRP
NEXEDGE IP 2L	F.01U.307.038	Kenwood NEXEDGE Direct IP 2-line	\$3,180.00
NEXEDGE IP 6L	F.01U.307.039	Kenwood NEXEDGE Direct IP 6-line	\$6,180.00
NEXEDGE IP 12L	F.01U.307.040	Kenwood NEXEDGE Direct IP 12-line	\$9,180.00
NEXEDGE IP 24L	F.01U.307.041	Kenwood NEXEDGE Direct IP 24-line	\$15,180.00

Note: According to the NEXEDGE protocol, there is a maximum of 10 console connections per site and 100 console connections per system.

Choose Per Line Call Playback Option (For C-Soft v7.0)

PRODUCT	SAP NUMBER	DESCRIPTION	MSRP
PLAYBACK 2L	F.01U.307.032	Per-Line Call Playback 2-line	\$750.00
PLAYBACK 6L	F.01U.307.033	Per-Line Call Playback 6-line	\$3,000.00
PLAYBACK 12L	F.01U.307.034	Per-Line Call Playback 12-line	\$4,500.00
PLAYBACK 24L	F.01U.307.035	Per-Line Call Playback 24-line	\$6,000.00
PLAYBACK 50L	F.01U.307.036	Per-Line Call Playback 50-line	\$8,500.00
PLAYBACK 100L	F.01U.307.037	Per-Line Call Playback 100-line	\$10,000.00

When ordering Per Line Call Back, make sure the total number of lines does not exceed the total number of lines available on the C-Soft Key. Per Line Call Back is for use with C-Soft v7 when it is released. C-Soft v7 comes with one line of Per Line Call Playback enabled. These options expand that capability to the amount noted in the description. For example, ordering Playback 6L, expands the number of Per-Line Call Playback lines to a total of six. **IMPORTANT!** It is highly recommended that the target hard drive for this recording option be a secondary drive that is not a solid state drive due to repeated read/write requirements.

Choose Microphone, Headset and Accessories

PRODUCT	SAP NUMBER	DESCRIPTION	MSRP
DH2000	F.01U.117.886	Dispatcher Headset- MONO	\$167.00
DH2200	F.01U.117.887	Dispatcher Headset- Dual sided MONO	\$161.00
DH3000	F.01U.120.557	ANR Dispatcher Headset- MONO	\$323.00
DH3200	F.01U.120.556	ANR Dispatcher Headset- Dual sided MONO	\$290.00
LC1500	F.01U.117.884	Lower cord unit, 15ft	\$128.00
LC2500	F.01U.117.885	Lower cord unit, 25ft	\$141.00
PREMDESKMIC	F.01U.318.570	Premium Peiker Microphone (available Q1 2016)	\$439.00
MD-MS	F.01U.117.309	MD-MS DESK MIC	\$204.00
DT-GN W/GNM-18	F.01U.138.537	Desk Top Gooseneck Microphone kit	\$480.00
DT-GN Desk Top only	F.01U.120.586	Desk Top Gooseneck Microphone kit (Base only)	\$282.00
MM-GN w/GNM-18	F.01U.149.428	Monitor Mounted Gooseneck Microphone Kit	\$528.00
Polar Desktop	F.01U.164.301	Polar Choice Series PC Desktop-18RD	\$469.00
NOTE: Cable not required when mounting PolarChoice to ADHB-4			
XLR-E Mic Cable	F.01U.148.845	Polar Choice Cable, Electret-XLR to RJ12 for HB3+	\$79.10
XLR-D Mic Cable	F.01U.148.847	Dynamic type Microphone with XLR to RJ12 for HB3+	\$79.10
FS-1	F.01U.117.308	Footswitch DPDT FS-1	\$153.00
DISPATCH Speaker set	F.01U.155.248	Dispatch Speakers	\$69.70
PREMSPKR	F.01U.318.452	Premium Bose Speaker Set (available Q1 2016)	\$210.00
DISH-1 Headset	F.01U.117.424	Dispatcher Headset	\$605.00

IP Adaptors - IP-224



The IP-224 is the next generation of IP adapter for building the Telex Radio Dispatch solution. Each adapter can control two devices. Power supply can be ordered from accessories or use power from device that is interfaced to the IP-224. Other options for the IP-224 are listed below. If ordering an option with the @PI Factory selection, order the IP-224 with options @ PI. (F.01U.306.548).

PRODUCT	SAP NUMBER	DESCRIPTION	MSRP
IP-224 V2	F.01U.306.547	IP-224 Adaptor (No Options)	\$2,980.00
IP-224 V2 WOPS PI	F.01U.306.548	IP-224 Adaptor w/Factory Inst. Options	\$2,980.00
FltSync Dec - 224@PI	F.01U.165.550	IP-224 FltSync Decode SW @ PI Factory	\$418.00
FltSync Dec-Enc 224 @ PI	F.01U.165.551	IP-224 FltSync Decode/Encode SW @ PI Factory	\$1,056.00
MDC Dec - 224@PI	F.01U.165.552	IP-224 MDC1200 Decode SW @ PI Factory	\$398.00
MDC Dec-Enc 224@PI	F.01U.165.553	IP-224 MDC1200 Decode/Encode SW @ PI Factory	\$1,056.00
IP25300 224 @ PI	F.01U.165.556	IP-224 EFJ 5300 SW & Cable @ PI Factory (per-line)	\$1,056.00
DMR-224 PI	F.01U.296.145	IP-224 DMR Interface for Hytera, Tait, and MOTOTRBO Factory Installed (Hytera & Tait - available Q1 2016)	\$1,056.00
TETRA-224 PI	F.01U.304.800	IP-224 TETRA Interface for Hytera, Sepura, PowerTrunk Factory Installed	\$1,056.00
P25-224 PI	F.01U.306.541	IP-224 P25 Conventional Interface Factory Installed for Kenwood TK-5-5x10, Tait Tm91xx.	\$1,056.00
NXDN-224 PI	F.01U.306.544	IP-224 NXDN Interface Kenwood NX-x00, ICOM IC-Fx06x Factory Installed	\$1,056.00
SDC-224 @ PI	F.01U.296.148	IP-224 Sprint Direct Connect Interface Factory Installed (per-line)	\$2,060.00
IP-224 Accessories			
IP-224 Dual Brackets	F.01U.165.538	IP-224 Mounting Brackets (Dual)	\$106.00
IP-224 Single Brackets	F.01U.165.539	IP-224 Mounting Brackets (Single)	\$63.70
DB37 Kenwood K-X150	F.01U.165.540	IP-224 Cable - Kenwood TK-X150/X180, 5X10 and NXDN radios	\$211.00
DB37 Kenwood TK-X90	F.01U.165.541	IP-224 Cable - Kenwood TK-X90 radio	\$211.00
DB37 650370	F.01U.165.543	IP-224 to Viper Cable Adaptor	\$211.00
DB37 CABTONE	F.01U.165.544	IP-224 DB-37 Cable Assembly to 4-Wire Tone Cable	\$211.00
DB37 CDM1250	F.01U.165.545	IP-224 Motorola CDM/PRO Cable Interface	\$211.00
EFJ5300-Cable	F.01U.165.548	IP-224 EFJ 5300 Radio Interface (Cable Only)	\$253.00
MTRBI for IP-224	F.01U.165.554	IP-224 MTRBI Radio Interface (Includes cables)	\$1,798.00
DB37 SRM2000	F.01U.165.542	IP-224 to Sepura Interface Cable	\$211.00
DB37 HYTERA TETRA	F.01U.306.539	IP-224 to Hytera Tetra Interface Cable	\$211.00
DB37 PWRTRNK TETRA	F.01U.306.540	IP-224 to PowerTrunk TETRA Interface Cable	\$211.00
DB37 HYTERA DMR	F.01U.319.163	IP-224 to Hytera DMR Interface Cable (available Q1 2016)	\$211.00
DB37 TAIT P25 DMR	F.01U.306.543	IP-224 to Tait P25 and DMR Interface Cable	\$211.00
DB37 ICOM IDAS	F.01U.306.546	IP-224 to ICOM IDAS Interface Cable	\$211.00
DB37 MOTOTRBO	F.01U.306.549	IP-224 to MOTOTRBO Interface Cable	\$211.00
AHS-1	F.01U.117.426	Alignment Handset	\$67.50
IP-224 Field Upgrades - Note unit Serial Number/s is required at time of ordering			
FltSync Dec - 224@ Field	F.01U.217.158	IP-224 FltSync Decode SW for Field	\$418.00
FltSync Dec-Enc 224 @ FL	F.01U.217.159	IP-224 FltSync Decode/Encode SW for Field	\$1,056.00
MDC Dec - 224@ Field	F.01U.217.160	IP-224 MDC1200 Decode SW for Field	\$398.00
MDC Dec-Enc 224@ Field	F.01U.217.161	IP-224 MDC1200 Decode/Encode SW Field	\$1,056.00
IP25300 @ Field	F.01U.217.162	IP-224 EFJ 5300 SW & Cable @ Field (per-line)	\$1,056.00
DMR-224 FIELD	F.01U.296.144	IP-224 DMR Interface for Hytera, Tait, and MOTOTRBO (Hytera & Tait - available Q1 2016)	\$1,056.00
SDC-224 FIELD	F.01U.296.147	IP-224 Sprint Direct Connect Interface Field Installed (per-line)	\$2,060.00
TETRA-224 FIELD	F.01U.306.538	IP-224 TETRA Interface for Hytera, Sepura, PowerTrunk Field Installed	\$1,056.00
P25-224 FIELD	F.01U.306.542	IP-224 P25 Conventional Interface for Kenwood TK-5k-5x10, Tait Tm91xx Field Installed	\$1,056.00
NXDN-224 FIELD	F.01U.306.545	IP-224 NXDN Int. Kenwood NX-x00, ICOM IC-Fx06x Field Installed	\$1,056.00

Important Note: When using the DMR interface with MOTOTRBO® radios, only one radio can be connected to an IP-224 due to USB COM port limits. In addition, only 10 consoles may connect to any given MOTOTRBO® radio.

IP Adaptors - IP-223



IP-223 is a legacy IP adaptor Panel for Radio, Telephone and Auxiliary Interfaces to the IP consoles. It is discontinued, however, the options below are still available for existing units. Please provide IP-223 serial number when ordering options.

PRODUCT	SAP NUMBER	DESCRIPTION	MSRP
ANI FleetSync	F.01U.144.659	FleetSync ANI Decode option	\$444.00
Encode FleetSync	F.01U.144.660	FleetSync Decode and Encode option	\$1,121.00
ANI MDC 1200	F.01U.117.677	MDC-1200 ANI Decode option	\$422.00
Encode MDC-1200	F.01U.140.472	MDC-1200 Decode and Encode option	\$1,139.00
AHS-1	F.01U.117.426	Alignment Handset	\$67.50
DSP223RACK	F.01U.120.330	19" Rack mount bracket holds two IP-223's, DSP's or TRA's	\$85.70
Power Supply	F.01U.110.313	Power Supply, 12 VDC, 1.25 A 90-260vac	\$41.80
PC-USA	F.01U.117.972	Power Cord US 115V	\$17.00



NEO-10 Network auxiliary input / output adaptor. Monitor temperature settings, machines or turn on lights and open doors with the NEO 10. Power supply not included.

PRODUCT	SAP NUMBER	DESCRIPTION	MSRP
NEO-10	F.01U.117.294	Network auxiliary input / output adaptor	\$2,192.00

Analog Consoles



The C-2000 single Line Tone Remote Console comes with built in mic and speaker. Desk mic can be ordered separately.

PRODUCT	SAP NUMBER	DESCRIPTION	MSRP
C-2000-US	F.01U.144.197	C-2000-US, Single Line Console.	\$774.00
MD-MS	F.01U.117.309	MD-MS DESK MIC	\$204.00



The C-2000-HS single Line Tone Remote Console with Handset ships with a telephone style handset.

PRODUCT	SAP NUMBER	DESCRIPTION	MSRP
C-2000-HS-US	F.01U.144.195	C-2000-HS-US, Single Line Tone Remote with Handset.	\$844.00
MD-MS	F.01U.117.309	MD-MS DESK MIC	\$204.00



C-2002-HS Two Line Tone Remote Console with Handset

PRODUCT	SAP NUMBER	DESCRIPTION	MSRP
C-2002-HS-US	F.01U.148.921	C-2002-HS-US Two Line Tone Radio Control Console with Handset	\$1,508.00
2002 WMK	F.01U.138.514	C-2002 or IP-2002 Wall Mount Bracket	\$112.00
MD-MS	F.01U.117.309	MD-MS DESK MIC	\$204.00



The C-1616 can be ordered as a 2, 4, or 6 Line Tone Remote Console. Microphone does not ship with console. Order a GNM gooseneck or desk mic from accessories.

PRODUCT	SAP NUMBER	DESCRIPTION	MSRP
C-1616-2-US	F.01U.144.208	C-1616-2-US, Two Line Tone Remote Radio Control Console	\$2,209.00
C-1616-4-US	F.01U.144.210	C-1616-4-US, Four Line Tone Remote Radio Control Console	\$2,772.00
C-1616-6-US	F.01U.144.212	C-1616-6-US, Six Line Tone Remote Radio Control Console	\$3,151.00
DTLM	F.01U.148.909	C-1610/16 Dual Line Card with RJ-45 Cables	\$421.00
GNM-18	F.01U.120.335	Gooseneck Microphone 18"	\$261.00
Handset Option 6200	F.01U.149.000	Handset for C-6200, IP-1616, and C-1616 Field Installation Option	\$283.00
HS-4	F.01U.144.192	Handset for C-6200, IP-1616, and C-1616 Factory Installation Option	\$256.00
MD-MS	F.01U.117.309	MD-MS DESK MIC	\$204.00

Analog Adaptors



The DSP223 and TRA223 Tone Remote Adaptor Panels can be interfaced with local control radios to control remotely with tone. The DSP provides channel change, the TRA only provides PTT on one channel.

PRODUCT	SAP NUMBER	DESCRIPTION	MSRP
TRA223	F.01U.122.019	TRA223 Tone Remote Adaptor for one frequency control.	\$463.00
DSP223	F.01U.120.329	DSP223 Tone Remote Adaptor for Radio control.	\$821.00
DSP223RACK	F.01U.120.330	19" Rack mount bracket holds two IP-223's, DSP's or TRA's	\$85.70
DSP223PRG	F.01U.148.983	Programming Kit for DSP-223	\$62.60
DSP223/KENWOOD	F.01U.144.815	DSP223 To Kenwood TK-x150/180 interface kit.	\$206.00
DSP223/Relm Kit	F.01U.144.200	DSP223 To Relm GMH Serial Interface Kit	\$168.00
330-ABOVE1613	F.01U.144.189	330 Notch Filter System - ABOVE 1613HZ	\$261.00
330-2175	F.01U.144.190	330 Notch Filter System - 2175HZ	\$261.00
1505	F.01U.144.193	1505 Audio Summing Card	\$1,237.00
1211	F.01U.144.069	Type 10 Card Cage	\$1,976.00
SRM10	F.01U.120.685	19" Rack Mount Power Supply	\$370.00
1223C	F.01U.143.493	1223C Tone Adapter Card	\$673.00
Backplane	F.01U.144.198	Assembly 1505/1211 Backplane	\$152.00
TO-23	F.01U.144.330	TO-23 Transformer Option	\$71.40
Power Supply	F.01U.110.313	Power Supply, 12 VDC, 1.25 A 90-260vac	\$41.80

BOSCH SECURITY SYSTEMS, INC. - COMMUNICATIONS SYSTEMS DIVISION

***** Terms and Conditions of Sale *****

Please refer to <http://www2.boschsecurity.us/termsandconditions.pdf> for the latest version of our Terms and Conditions.

Any sale by Bosch Security Systems, Inc. ("Bosch") of Product (the "Product") indicated on the reverse side hereof or attachment is expressly made conditional on the assent of the customer (hereinafter "Buyer") to these Terms and Conditions of Sale. The Buyer's acceptance of delivery of any part of Products/services sold shall constitute such assent and a waiver of all terms and conditions in its purchase order or similar document which are different from or additional to those set forth herein. Bosch's failure to object to provisions contained in any communication from Buyer shall not be deemed a waiver of the Terms. Bosch must agree to any changes in the Terms in a writing signed by an officer.

1. PRICES AND TERMS OF PAYMENT

1.1 Unless otherwise specified by Bosch in writing, prices shall be those set forth in the applicable Price Schedule and terms of payment as specified by Bosch. Bosch reserves the right to change or withdraw prices for the Products or services it offers for sale without prior notice. Partial shipments or performance made within this period will not obligate Bosch to make further shipments or performance at these prices after the expiration of the 30-day period.

1.2 Prices are in United States dollars payable to the remit to address specified on the invoice, unless otherwise specified by Bosch.

1.3 Unless otherwise specified by Bosch in writing, all taxes and other charges imposed by federal, state, local, or foreign governments on the manufacture, sale, shipment, import, export, or use of the Products or services shall be added to the price and billed to and paid by Buyer. Buyer shall defend, indemnify, and hold harmless Bosch from and against all liabilities for such taxes or charges and attorneys' fees or costs incurred by Bosch in connection therewith.

2. ACCEPTANCE, MINIMUM ORDER RELEASE

Any quotation or proposal is subject to change or cancellation by Bosch at any time without notice, and, in any event, expires 30 days from its date, unless otherwise indicated therein or extended in writing by Bosch. Bosch's quotation or proposal does not constitute an offer by Bosch, and any order or orders placed thereon are not binding on Bosch until Bosch's acceptance in writing has been sent to Buyer. The banking, negotiation, endorsement, or other use of Buyer's down payment, if any, shall not constitute acceptance by Bosch.

3. DELIVERY

Bosch shall have the right to make deliveries or perform services in installments. Partial shipments or performance will be billed as made, and payments therefore are subject to the terms of payment referenced herein. All delivery indications or completion dates are estimated and are dependent in part upon prompt receipt of all necessary information to service an order. Bosch reserves the right to allocate, in its sole discretion, inventories, production, and services when such allocation becomes necessary. In no event will Bosch be liable for any premium transportation, procurement, or other costs or losses incurred by Buyer as a result of Bosch's failure to deliver products in accordance with indicated delivery/performance schedules. Delivery shall be Ex Works (defined in INCOTERMS 2000) Bosch's plant. Title to goods and risk of loss pass to Buyer upon delivery of Product to the carrier. No loss shall relieve Buyer of its obligations. In the event Bosch pays transportation and insurance beyond the point of shipment to the destination specified by Buyer, all such costs will be billed as a separate item on the invoice. All shipments normally will be made via the most economical method and routing consistent with service requirements as selected by Bosch.

4. PATENTS AND PATENT WARRANTY

'Proprietary Rights' mean all our worldwide patent rights, patent applications, rights to apply for patents, copyrights, copyright registrations, trade secrets, service marks, trademarks, service mark and trademark registrations, related goodwill and confidential and proprietary information. Buyer has no Proprietary Rights in the goods or any other materials received from Bosch.

4.1 Bosch has the right to defend, or at its option to settle, any third party claim, suit or proceeding brought against Buyer alleging an infringement of a U.S. patent by a Bosch Product sold to Buyer. Bosch shall pay, subject to the limitations hereinafter set forth, any final judgment entered against Buyer on such issue in any suit or proceeding defended by Bosch. The foregoing obligations are subject to Buyer's prompt, written notification of any such claim, suit, or proceeding, and its provision of full information and assistance to settle and/or to defend any such claim, suit or proceeding. If the Product, or any part thereof, becomes, or in the opinion of Bosch may become, the subject of any claim, suit, or proceeding for infringement of, or in the event of an adjudication that such Product or part infringes, any U.S. patent, Bosch may, at its option and its expense: (1) procure for Buyer the right to use, lease, or sell, as appropriate, such Product or part, or (2) replace such Product or part, or (3) modify such Product or part, or (4) remove such Product or part and refund the aggregate payments and transportation costs paid therefore by Buyer less a reasonable sum for use, damage, and obsolescence. Bosch shall have no liability for, and Buyer shall indemnify, defend and hold harmless Bosch to the extent of, any infringement arising from the following: (i) the combination of such Product or part with any other Product or part whether or not furnished to Buyer by Bosch, or (ii) the modification of such Product or part, at the request of Buyer, whether or not such modification was made by Bosch, or the compliance by Bosch with any Buyer designs, specifications, or instructions or (iii) the use of such Product or part in practicing any process, or (iv) the furnishing to Buyer of any information, data, service, or application assistance. Bosch shall not be liable for any costs or expense incurred without Bosch's written authorization and in no event shall Bosch's total liability to Buyer under, or as a result of compliance with, the provisions of this paragraph exceed the aggregate sum paid to Bosch by Buyer for the allegedly infringing Product or part, exclusive of any refund under option (4) above. The foregoing states the entire warranty by Bosch, and the exclusive remedy of Buyer, with respect to any alleged patent infringement by such Product or part. In the event that Buyer is an authorized distributor of Bosch, and as a condition of sale, such warranty, subject to the terms and conditions hereof, shall be extended to the direct purchasers from such distributor of the Products covered hereby.

4.2 No sale or lease hereunder shall convey any license by implication, estoppel, or otherwise, under any proprietary or patent rights of Bosch, to practice any process with such Product or part, or for the combination of such Product or part with any other Product or part. Bosch's sale of goods does not carry with it any license to use such goods in combination with other goods not purchased from Bosch or our licensees if the combination is the subject of any intellectual property not owned or controlled by Bosch.

4.3 Neither Buyer, any representative of Buyer's, nor any other person shall have the right to examine or audit Bosch's costs, books or records of any kind or on any matter, or be entitled to, or have control over, any engineering or production prints, drawings or technical data which we, in our sole discretion, may consider in whole or in part proprietary to ourselves. Any drawings and other information delivered to Buyer or Buyer's representative shall be used solely for purposes of inspection, installation or maintenance. The information shall not be used or disclosed by Buyer or Buyer's representative for any other purpose whatsoever.

4.4 All software purchased by Buyer is in accordance with the terms and conditions of Bosch's Software License Agreement.

5. OTHER WARRANTIES, LIMITATION OF LIABILITY

5.1 Bosch warrants that its products, at the time of shipment by Bosch, are free from defect in material or workmanship under normal use and service for the respective warranty periods specified in the applicable Price Schedule or as otherwise published.

5.2 To assure conformance with operating limitations, Buyer should refer to the applicable data sheet.

5.3 The warranty is void (i) if the Product is not operated in conformance with installation, environmental, mechanical or electrical requirements, or within thermal stress limits, or (ii) to the extent that any malfunction is the result of misuse, abuse, vandalism, neglect, improper installation or application, alteration, accident, or negligence in use, storage, transportation, or handling, or if the original identification markings on the Product have been removed, defaced or altered, lightning, electricity, water, fire, environmental or other hazard, or act of God, or other impact outside of normal operating guidelines.

5.4 The foregoing warranty is subject to Buyer's (i) promptly written claim and (ii) timely provision to Bosch of an opportunity to inspect and test the Product claimed to be defective. Such inspection may be on Buyer's premises and/or Bosch may request the return of the Product at Buyer's expense. However, Bosch shall not be responsible for packing, inspection, or labor costs in connection with the return of Product. No Product shall be accepted for warranty service that is not accompanied by a Return Authorization issued by Bosch.

5.5 The liability of Bosch hereunder or otherwise is solely and exclusively limited to replacement (new or refurbished Product), repair, or credit of the amortized purchase price, as Bosch may elect, for any Product which is returned by Buyer during the applicable warranty period, or services for which timely notice of defect has been given by Buyer, and which are found by Bosch to be subject to adjustment under this warranty.

5.6 Bosch's warranty shall not be enlarged, diminished, or affected by, and no obligation or liability shall arise or grow out of Bosch's rendering of technical advice, facilities, or services in connection with Buyer's order or the products furnished hereunder.

5.7 BOSCH MAKES NO OTHER OR FURTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR WARRANTY OF MERCHANTABILITY.

5.8 IN NO EVENT SHALL BOSCH BE LIABLE FOR SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, LOSS OF ANTICIPATED PROFIT, OR OTHER ECONOMIC LOSS OR FOR ANY DAMAGES ARISING IN TORT WHETHER BY REASON OF STRICT LIABILITY, NEGLIGENCE, OR OTHERWISE REGARDLESS OF WHETHER IT HAS BEEN APPRISED OF THE POSSIBILITY OF SUCH.

5.9 Bosch does not represent or warrant that goods/services (i) may not be compromised or circumvented, (ii) will operate as designed, (iii) will prevent or reduce personal injury, property damage or economic loss, or (iv) will provide adequate warning or notice as designed or may be intended by Buyer or any end user.

6. INSPECTION OF PRODUCTS

Products shall be inspected by Buyer upon delivery and services, upon performance. Notice of rejection or claim for shortages, damaged Product, or other nonconformity must be submitted by Buyer to Bosch in writing within 90 days of shipment or performance and must specify the particular respects in which the delivery, Products, or services, as applicable, are nonconforming. Buyer shall have no right to exercise any remedial rights until notice of nonconformity has been given to Bosch and Bosch afforded a reasonable opportunity to cure such nonconformity, if appropriate.

7. RETURNS, EXCHANGES AND REPAIRS

Any requests for the return of Products because of "ordered in error" or "cancellation" (after shipment has been made), must be made within 30 days of shipment, or Product is otherwise deemed accepted. If approval is given by Bosch to return Product, a restocking charge may be deducted from the amount of credit issued by Bosch. All returns must be unused, in original factory condition, packaged in original factory packaging and returned to Bosch, freight prepaid by Buyer. ALL RETURNS MUST BE ACCOMPANIED BY A RETURN AUTHORIZATION NUMBER ISSUED BY BOSCH OR WILL BE RETURNED TO BUYER. Exchanges and repairs – contact your Bosch representative/facility for instructions for exchanges, and in-warranty/out-of-warranty repairs.

8. CANCELLATION, HOLD, OR STOP-WORK NOTICES

Buyer may send Bosch a cancellation, hold, stop-work, or similar notice at any time applicable to any unshipped portion of any order not involving a special or custom Product, and such notice will be accepted by Bosch subject to the following conditions:

8.1 Any hold, stop-work, or similar notice shall be treated as a cancellation notice if and when, in the opinion of Bosch, circumstances warrant such treatment.

8.2 Buyer shall pay a cancellation charge specified by Bosch which shall include adjustment of the billing price to Bosch's established price applicable to the quantity actually delivered, and may include, among other things, all costs, both direct and indirect, incurred and committed with a reasonable allowance for prorated expenses.

8.3 Bosch will be under no further obligation with respect to filling the order to which such notice applies.

9. FORCE MAJEURE

Bosch's shall not be liable for any failure in performance to the extent caused by an Act of God, outbreak of hostilities (whether or not war is declared), insurrection, riot, civil disturbance, Government Act or regulation, fire, flood, explosion, production delays, accident, theft, climatic conditions, inability to obtain power, shortage of material, transportation, strike, lockout, or trade dispute (whether Bosch's or another party's employees), third party supplier's actions, federal, state or municipal orders and directions, or other cause beyond Bosch's reasonable control. The period of the contract shall be correspondingly extended by the period of such delay, if deliveries/services are suspended for six months or more, Bosch may at its option, by written notice to Buyer, without liability or penalty and without relieving Buyer of its obligation to pay for any products/services which have been delivered, cancel the contract with respect to any undelivered Products/services.

10. SECURITY INTEREST

Bosch retains a security interest in those Products for which amounts remain unpaid, as of the date of delivery. Buyer shall not otherwise sell, offer for sale or otherwise encumber, nor grant any higher priority interest in these Product(s) while any portion thereof remains unpaid. Buyer appoints Bosch as its attorney in fact to prepare, sign and file or record any financing statement, applications for registration and similar papers and to take any other action deemed necessary or desirable in order to perfect Bosch's security interest. Once the Product is fully paid, Buyer may request Bosch to withdraw any financing statements previously filed hereunder.

11. BUYER'S SOLVENCY

Buyer's order shall constitute a representation that Buyer is solvent. If Bosch at any time reasonably believes that Buyer is insolvent or that Buyer's credit is impaired, Buyer shall be in material breach hereof and Bosch may, without liability to Buyer, withhold performance hereunder, change the payment terms including, without limitation, declaring all amounts to be immediately due and payable, and/or repossess products previously delivered.

12. BOSCH'S DAMAGES

If Buyer wrongfully rejects or revokes acceptance of Products/services covered hereby, or fails to make any payment when due, or repudiates this order, Bosch shall have all the rights and remedies provided by law and, without limitation of the foregoing, may recover as damages, where permitted by applicable law, the price including a late payment or interest charge from due date at one and one-half percent (1-1/2%) per month on the unpaid balance, but not to exceed the maximum rate of interest permitted by law, and any costs of collection, including reasonable attorneys' fees. As to all partially manufactured Products, Bosch may, at its option complete their manufacture, and hold Buyer responsible for their price. Upon recovery of the price, the Products shall become the property of Buyer.

13. GENERAL

13.1 No addition to, deletion from, or modification of any of the provisions of these Terms and Conditions of Sale shall be binding upon Bosch, unless made in writing and signed by a duly authorized officer or employee of Bosch. Oral statements, warranties, or representations made by any agent or employee or representative of Bosch are not authorized by Bosch and shall be of no force or effect. These Terms and Conditions of Sale are the final, complete, and exclusive statement of the terms of the agreement between Bosch and Buyer. ANY DIFFERENT OR ADDITIONAL TERMS PROPOSED BY BUYER ARE OBJECTED TO AND HEREBY REJECTED.

13.2 A waiver by Bosch of any default by Buyer or of any of these Terms and Conditions of Sale shall not be deemed to be a continuing waiver or a waiver of any other default or of any other of these Terms and Conditions of Sale, but shall apply solely to the instance in which the waiver is directed.

13.3 This agreement may not be assigned by Buyer without Bosch's written consent.

13.4 The parties agree to submit all disputes between them arising out of or relating to this Agreement or the breach, alleged breach or interpretation thereof to binding arbitration except that this provision shall not apply to requests for injunctive relief. Within thirty (30) days after either party has notified the other in writing that it is submitting a dispute to arbitration, one arbitrator shall be chosen under the then current Rules of the American Arbitration Association (hereinafter "AAA") pertaining to commercial disputes. Neither party shall be allowed to object to any arbitrator appointed by AAA. The ensuing arbitration shall be held in Chicago, Illinois, and shall be conducted according to the Rules of the AAA. The arbitration award shall be by a written decision containing findings of fact and conclusions of law and shall be final and binding. It may be entered in and enforced by any court of competent jurisdiction. The party prevailing in the arbitration or any other legal proceedings shall be entitled to recover its costs including reasonable attorney's fees incurred due to the arbitration or other legal proceedings. In no case shall the arbitrator be authorized to award cost and damages otherwise prohibited herein.

14. PAYMENT TERMS FOR INTERNATIONAL ORDERS

14.1 Payment for the Products/services specified by Buyer's order shall be made in U.S. Dollars, through the medium of an irrevocable Letter of Credit in favor of Bosch, confirmed by a bank located in the United States acceptable to Bosch. Unless otherwise agreed, such Letter of Credit shall be valid for a period of time sufficient to enable Bosch to receive payment in full plus thirty days, shall be for the total price of the Product/services, including any applicable transportation and insurance costs, and in a form acceptable to Bosch, and shall authorize partial payments against partial deliveries. The Letter of Credit shall provide for payment(s) to Bosch at sight upon presentation to the confirming bank of Bosch's sight draft(s) on the confirming bank for one hundred percent of the invoice value of each delivery, accompanied by commercial invoice(s) or by shipping documents.

14.2 The Letter of Credit shall permit shipment and shall permit presentation of nonnegotiable copies of bills of lading provided they are accompanied by Bosch's declaration that the originals have been mailed directly to the opening bank. All bank charges in connection with said Letter of Credit including those of the confirming bank, shall be for the account of Buyer.

14.3 Other payment terms may be negotiated between Bosch and Buyer, in which case such special payment terms shall be specified in writing and become a part of the sale agreement.

15. UNITED STATES EXPORT LAWS

15.1 Bosch's obligations are subject to the export administration and control laws and regulations of the United States. Buyer shall comply fully with such laws and regulations in the export, resale or disposition of Products.

15.2 Quotations or proposals made, and any orders accepted by Bosch from a Buyer outside the United States are with the understanding that the ultimate destination of the Products is the country indicated therein. Diversion of the Products to any other destination contrary to United States law is prohibited. Accordingly, if the foregoing understanding is incorrect, or if Buyer intends to divert the products to any other destination, Buyer shall immediately inform Bosch of the correct ultimate destination.

Printed in U.S.A./Jan 05 Supersedes Sep 03 SP-10531