

# DMP XR150 to Bosch B8512G

---

*Panel Comparison Guide*



LT-3007 25102

<b>ZONE INFORMATION</b>	<b>DMP XR150</b>	<b>BOSCH B8512G</b>
Maximum Zones	142	99
Control Panel Zones	10	8
Control Panel Fire Zones	2	0
Hardwired Expansion Zones	142	91
Variable EOL Resistor Values	Yes	Yes
Wireless Expansion Zones	DMP 1100 Series (100 Zones) Receiver connects directly to panel, transmitters are programmed via panel programming, special programming not needed	91
Zone Expansion Buses	Keypad (32 Zones) on-board LX Bus (100 Zones)	(2) SDI Buses for expansion (91 zones)
Zone Expander Modules	711/711S/712-8/714/714-8/ 714-16/715/715-8/715-16	B208 Octo-input Module, B299 POPEX Module, B308 Octo-output Module, B600 Retrofit (ZONEX) Module
Powered Smoke Zones	2 onboard expandable to 134	Uses D125B interface for two-wire powered conventional smoke detectors

<b>KEYPAD INFORMATION</b>	<b>DMP XR150</b>	<b>BOSCH B8512G</b>
Keypad/Access	Yes	No
Max Supervised Keypads	8	16
Max Unsupervised Keypads	Unlimited	16
Doors of Access	8	8
Wiegand Input Keypads	Yes	No
Fully Keypad Programmable	Yes	Yes
Keypad Compatible with All Products	Yes	No
Keypad Models Supported	7000 Series, 7000A Series, 7100 Series, 7400 Series, 7800 Series, 8860 Series, 9060, 9063,9862, 630F-R	D1255 Series, D1260 Series, D1256RB, D1257RB, B942/B942W, B930ATM, B926F, B925F, B921C, B920, B915/B915I.
Keypads with Zone Expansion	7070/7073/7173/7872/7873	No
Dual Keypad LX Buses (SDI1/SDI2 Buses)	No	Yes

<b>POWER AND OUTPUT INFORMATION</b>	<b>DMP XR150</b>	<b>BOSCH B8512G</b>
Auxiliary Power	1.5A	1.4A
Bell Power	1.5A	2A (or 1.4A for commercial fire)
Maximum Ah of Batteries Supported by Control Panel	67 Amp hours of Battery supported	38Ah
Auxiliary Output	2 Form "C" 4 open collector onboard 100 expandable offboard wired outputs	3 on board outputs, up to 93 through expanders

<b>USER INFORMATION</b>	<b>DMP XR150</b>	<b>BOSCH B8512G</b>
User Codes/Access Cards	10,000	501
Event Memory	12,000 Events, 10,000 Access events, and 2,000 system events	2,048
Event Sort	View opening/closings, zone events, user code and scheduled changes, door access, and supervisory events, sort by user, door, and date range via keypad or remote PC, access using Remote Link™ or System Link™ or Entre Security Management Software	Viewed through keypad or RPS
App Control	Via App from Smart Devices	Remote Security Control (RSC) App
Zone Monitor	Yes	Yes

<b>SYSTEM INFORMATION</b>	<b>DMP XR150</b>	<b>BOSCH B8512G</b>
Reporting	CID, Serial 3	Contact ID (PSTN), Modem4 (PSTN), Conettix Modem4, Conettix ANSI-SIA Contact ID, ANSI-SIA DC-09
Reporting Paths	8 paths in any network, cell or phone configurations either as Primary or Backup	4 phone, and 4 network paths
Areas	8	8
Arming Modes	Area, All/Perimeter, Home/Sleep/Away, Home/Sleep/Away/Guest	Perimeter, Part, All
Common Area	Yes	Yes
Remote Access Compatible	Yes, Dealer Admin, Remote Link, & System Link	Yes - RPS
USB Local Connection	No, use network connection	Yes
Phone Cable Monitor	Yes	Yes
Processor	32-bit processor with built in 10/100mb on network version	32-bit processor with built in 10/100mb on network version

<b>WIRELESS INFORMATION</b>	<b>DMP XR150</b>	<b>BOSCH B8512G</b>
Wireless Arm/Disarm	Yes	Yes
Wireless Types Supported	DMP 1100 Series Wireless, up to 100 zones	RADION wireless from Bosch or Inovonics

<b>FALSE ALARM REDUCTION FEATURES</b>	<b>DMP XR150</b>	<b>BOSCH B8512G</b>
Exit Error	Yes	Yes
Fire Verify Zones	Yes	Yes
Cross Zoning	Yes	Yes
Abort Reporting	Yes	Yes
System Test by User	Yes	Yes
System Recently Armed	Yes	Yes
Programmable Entry/Exit Delay	Yes	Yes
Transmit Delay	Yes	Yes
Swinger Zone Bypassing	Yes	Yes
Report Bypass to Central Station	Yes	Yes
Unique Duress Code	Yes	Yes

<b>FALSE ALARM REDUCTION FEATURES</b>	<b>DMP XR150</b>	<b>BOSCH B8512G</b>
Call Waiting Cancel	Yes	Yes
Meets SIA CP01	Yes	Yes
Multi-Lingual Menus Available	English, Spanish, French, Dutch, Greek, Czech	English, Chinese, Dutch, French, German, Greek, Hungarian, Italian, Polish, Portuguese, Spanish, Swedish
LAN/WAN Network Communications	XR150N Version with built-in 10/100mb network	Built-in 10/100mb network
Cellular Communications	263LTE/263LTE DualSIM	B444-G/B444-A/B444-V/ B444-A2/B444-V2
Internet Browser Interface	Yes, Virtual Keypad and Browser	N/A
Text Message Notification	Yes	Yes
IPhone/ IPAD /Android App	Yes, Virtual Keypad and Browser with Push Notifications	Yes, using the RSC

<b>BANKING AND GOVERNMENT FEATURES</b>	<b>DMP XR150</b>	<b>BOSCH B8512G</b>
Encryption	Use XR150 version 128 & 256-bit AES Encryption, NIST Certified & Meets ICD 705 Chapter 7 IDS	IP communications are up to AES 256
Panic Test	Yes	Yes
Network Options	Yes	Yes
Passphrase	Yes	N/A
Card Plus PIN by Area	Yes	Yes
Early Morning Ambush	Yes	Yes
Bank, Safe, & Vault	No	No
Two Man Rule	Yes	Yes

<b>ADDITIONAL FEATURES</b>	<b>DMP XR150</b>	<b>BOSCH B8512G</b>
Door Lock, Unlock, & Lock Down Feature	By Keypad Menu, System Link, Remote Link, & Virtual Keypad App	Through Bosch VMS 6.0 or higher.
140 Z-Wave Device Support Using 738Zplus	Yes	N/A
Schedules for Areas, Doors, Outputs, Z-Wave, & Profiles	Start/End Date & Time. Up to 99 schedule times assignable, schedule time may be used for multiple functions such as auto arming, door schedules, user schedules, relay schedules, etc.	40 scheduled events with 31 different functions, 8 opening windows and 8 closing windows, 8 user group windows, Day-of-week, date-of-month, or holiday only schedules
Ethernet Support on Network Panels	10/100baseT	10/100baseT
Adaptive Technology	Yes	No
User Code Audit	Yes	N/A
Dedicated Keypad BUS Separate from LX- Bus (SDI1 or SDI2)	Yes	Yes
Temporary Code	End Date and Time	N/A
Holiday Dates	Start/End Date & Time. Up to 99 scheduled times assignable, schedule time may be used for multiple functions such as auto arming, door schedules, user schedules, relay schedules, etc.	4 holiday schedules of 366 days

<b>COMPLIANCE</b>	<b>DMP XR150</b>	<b>BOSCH B8512G</b>
ANSI/UL 365 Police Connected Burglar	Yes	Yes
ANSI/UL 609 Local Burglar	Yes	Yes
ANSI/UL 1023 Household Burglar	Yes	Yes
ANSI/UL 1076 Proprietary Burglar	Yes	Yes
ANSI/UL 1610 Central Station Burg	Yes	Yes
ANSI/UL 1635 Digital Burglar	Yes	Yes
ANSI/UL 985 NFPA 74 Household Fire Warning	Yes	Yes
ANSI/UL636 Holdup Alarm Units and System Accessory	Yes	Yes
ANSI/UL268 Smoke-Automatic Fire Detectors	Yes	No
ANSI/UL 294 Access Control System Units	Yes	Yes
ANSI/UL 864 Fire Protective Signaling 9th Edition	Yes	Yes
CSFM California State Fire Marshal	Yes	Yes
New York City (FDNY)	Yes	Yes
SIA-CP01-2010 False Alarm Reduction	Yes	Yes
ULC Commercial Burglary	Yes	No
ULC Household Burglar Alarm System Units	Yes	Yes
ULC Household Fire Warning System Units (Residential Fire)	Yes	Yes
ULC Proprietary Burglar Alarm System Units (Commercial Burglary)	Yes	Yes
ULC Fire Signal Receiving Centres and Systems	Yes	Yes
ULC Local Burglar Alarm Units and Systems	No	Yes
ULC Proprietary Burglar Alarm Units and Systems	Yes	Yes

Designed, Engineered, and Manufactured in the USA	Yes	No
---------------------------------------------------	-----	----