

Ordering Guide

P25 Digital Vehicular Repeater System

8A083X31 Revision 3.0

January 11, 2018




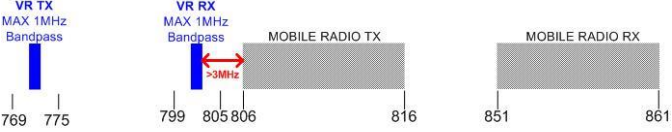
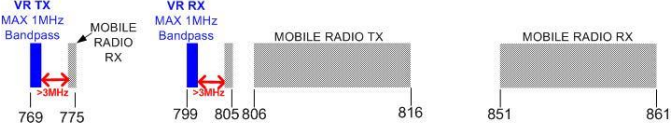
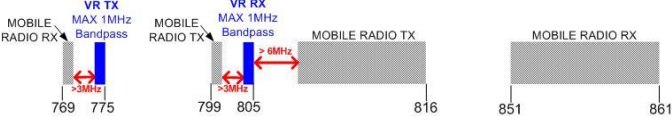


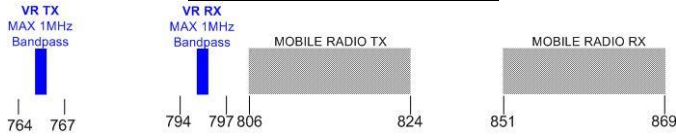



Important Notes




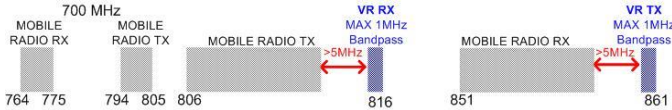

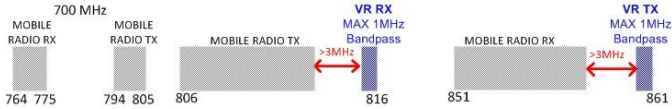
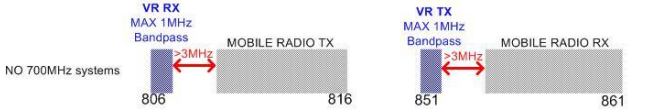
1. Only the frequency bands shown in this ordering guide are available as standard configurations. For custom filtering, please contact Futurecom: sales@futurecom.com
2. DVR Frequencies must be specified when placing an order since the filters are custom tuned and can't be retuned in the field.
3. Standard DVR delivery time is 10-12 weeks from the time the order is placed and the frequency information is provided. Frequency information must be accurate and in accordance with the frequency plan requirements described in this document in order to avoid additional delay.
4. The DVR is compatible with the following Motorola Mobile Radios:
 - Remote Mount **XTL™2500** with M5 Control Head - Select Option **TT05714AA**
 - Remote Mount **XTL™5000** with O5 or O3 Control Head - Select Option **TT05714AA**
 - Remote Mount **APX™5500** with any Control Head, single band - Select Option **TT05715AA**
 - Remote Mount **APX™6500** with any Control Head, single band - Select Option **TT05715AA**
 - Remote Mount **APX™7500** with any Control Head, single band - Select Option **TT05715AA**
 - Remote Mount **APX™7500** with any Control Head, dual band - Select Option **TT05716AA**
 - Remote Mount **APX™8500** with any Control Head, all band - Select Option **TT06279AA**
 - Standalone DVRS do not require Mobile Radio.
5. The Motorola Mobile radios and accessories are NOT included with the DVRS.
6. The Motorola Mobile radio can operate with up to two control heads while interfaced to a DVR (vehicle mount DVRS model only).
7. Vehicle Mount DVR models include standard 3ft long interconnecting cable (Mobile radio to DVR). Longer cables can be provided upon request (up to 25ft).
8. High power VHF mobile radios (M20KTS9PW1 XTL5000, M21KTM9PW1 XTL2500, M25KTS9PW1 APX6500, M30KTS9PW1 APX7500) are NOT compatible with any Suitcase or Cabinet Mount DVRS models.
9. The Mobile Radio Tx Power must not exceed 50 Watts on any "DVRS Enabled" modes / channels due to the in-band filters power rating.
10. The Indoor Cabinet Mount DVRS Models can be upgraded to Outdoor Cabinet by adding Option **TT05130AA**.
11. The Motorola Mobile radios may require firmware upgrade in order to operate with the DVR. Motorola Radio Firmware Upgrades are to be purchased directly from Motorola. **Please note that to ensure full compatibility and make use of the latest available feature set, it is recommended that the APX Mobile radio and DVR Firmware are updated to the latest Motorola certified firmware versions.**
12. APX Mobile Radios operating as the host mobile for the DVR require subscriber option **GA00631** for operation. No special option is required for XTL Mobile Radios.
13. APX Portable Radios operating through a DVR, utilizing the digital enhanced DVR TRUNKING feature set require subscriber option **QA00631**. No special option is required for XTS Portable Radios.







Subscribe to our newsletter if you want to be informed about new releases and updates. Please visit <http://futurecom.com/support/newsletter/>

<p style="text-align: center;">700MHz In-band DVRS Models</p>	<p style="text-align: center;">Vehicle Mount</p> 	<p style="text-align: center;">Suitcase</p> 	<p style="text-align: center;">Cabinet</p> 
<p style="text-align: center;"><u>In-Band Application A</u></p> 	TT2038	TT2046	Contact Futurecom
<p style="text-align: center;"><u>In-Band Application B</u></p> 	TT2039	TT2047	Contact Futurecom
<p style="text-align: center;"><u>In-Band Application C</u></p> 	TT2040	TT2048	Contact Futurecom

<p><u>In-Band Application D</u></p> 	TT2041	TT2049	Contact Futurecom
<p>700MHz Cross-Band Standalone DVRS Models</p>	<p>Vehicle Mount</p> 	<p>Suitcase</p> 	<p>Cabinet</p> 
<p><u>Cross-Band Application A</u></p> <p>11MHz Bandpass Duplexer: DVR Tx 764-775MHz DVR Rx 794-805MHz</p>	TT2042 (NON US ONLY)	TT2050 (NON US ONLY)	Contact Futrecom
<p><u>Cross-Band Application B</u></p> <p>6MHz Bandpass Duplexer: DVR Tx 769-775MHz DVR Rx 799-805MHz</p>	TT2043	TT2051	Contact Futurecom
<p><u>Standalone Application A</u></p> <p>11MHz Bandpass Duplexer: DVR Tx 764-775MHz DVR Rx 794-805MHz</p>	TT2044	TT2052	Contact Futurecom





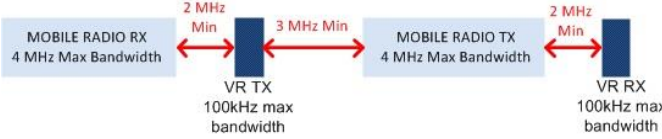


<p style="text-align: center;">800MHz In-band DVRS Models</p>	<p style="text-align: center;">Vehicle Mount</p> 	<p style="text-align: center;">Suitcase</p> 	<p style="text-align: center;">Cabinet</p> 
<p style="text-align: center;"><u>In-Band Application A</u></p> 	TT1255	TT1264	TT1300 <i>(See Note on Next Page)</i>
<p style="text-align: center;"><u>In-Band Application B</u></p> 	TT1256	TT1265	TT1301 <i>(See Note on Next Page)</i>
<p style="text-align: center;"><u>In-Band Application C</u></p> 	TT1259	TT1266	TT1302 <i>(See Note on Next Page)</i>
<p style="text-align: center;"><u>In-Band Application D</u></p> 	TT1260	TT1267	TT1303 <i>(See Note on Next Page)</i>

<p style="text-align: center;">800MHz In-Band Cross-Band Standalone DVRS Models</p>	<p style="text-align: center;">Vehicle Mount</p> 	<p style="text-align: center;">Suitcase</p> 	<p style="text-align: center;">Cabinet</p> 
<p style="text-align: center;"><u>In-Band Application E</u></p> 	<p style="text-align: center;">TT1261</p>	<p style="text-align: center;">TT1268</p>	<p style="text-align: center;">TT1304 <i>(See Note Below)</i></p>
<p style="text-align: center;"><u>Cross-Band Application A</u></p> <p style="text-align: center;">10MHz Bandpass Duplexer: DVR TX 851-869MHz (Specified 10MHz only) DVR RX 806-824MHz (Specified 10MHz only)</p>	<p style="text-align: center;">TT1262</p>	<p style="text-align: center;">TT1269</p>	<p style="text-align: center;">TT1305 <i>(See Note Below)</i></p>
<p style="text-align: center;"><u>Standalone Application A</u></p> <p style="text-align: center;">10MHz Bandpass Duplexer: DVR TX 851-869MHz (Specified 10MHz only) DVR RX 806-824MHz (Specified 10MHz only)</p>	<p style="text-align: center;">TT1263</p>	<p style="text-align: center;">TT1270</p>	<p style="text-align: center;">TT1306 <i>(See Note Below)</i></p>




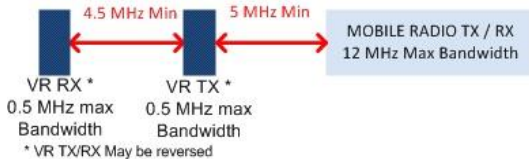
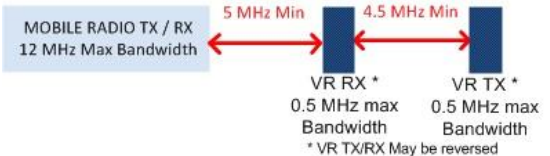
NOTE: Due to FCC and IC regulations, Cabinet Mount DVRS operating in the ranges specified below in the US and Canada respectively, requires a mandatory High Stability Oscillator Item **DQDVR1017** that provides 1.0 ppm frequency stability.




806 – 809 MHz & 851 – 854 MHz in the US





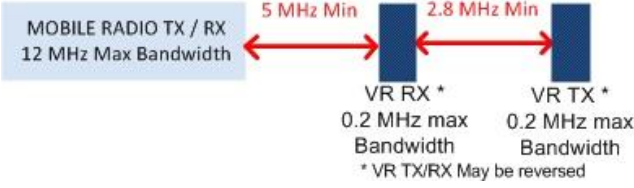
806 – 824 MHz & 851 – 869 MHz in Canada




<p style="text-align: center;">380-430MHz In-band DVRS Models</p>	<p style="text-align: center;">Vehicle Mount</p> 	<p style="text-align: center;">Suitcase</p> 	<p style="text-align: center;">Cabinet</p> 
<p style="text-align: center;"><u>In-Band Application A</u></p> 	TT2000	TT2004	TT2008
<p style="text-align: center;"><u>In-Band Application B</u></p> 	TT2001	TT2005	TT2009
<p style="text-align: center;"><u>In-Band Application C</u></p>  <p>* VR TX/RX May be reversed</p>	TT1328	TT1332	TT1337
<p style="text-align: center;"><u>In-Band Application D</u></p>  <p>* VR TX/RX May be reversed</p>	TT1329	TT1333	TT1338





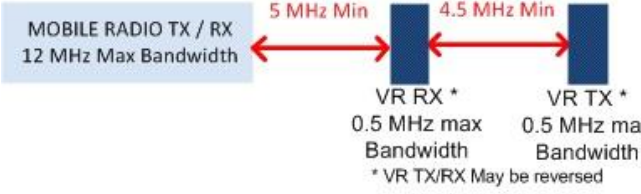

<p style="text-align: center;">380-430MHz Cross-Band Standalone Simplex DVRS Models</p>	<p style="text-align: center;">Vehicle Mount</p> 	<p style="text-align: center;">Suitcase</p> 	<p style="text-align: center;">Cabinet</p> 
<p style="text-align: center;"><u>Cross-Band Application A</u></p> <p style="text-align: center;">100kHz Wide Bandpass Duplexer 10MHz Tx to Rx Separation</p>	<p style="text-align: center;">TT2002</p>	<p style="text-align: center;">TT2006</p>	<p style="text-align: center;">TT2010</p>
<p style="text-align: center;"><u>Cross-Band Application B</u></p> <p style="text-align: center;">500kHz Wide Bandpass Duplexer 5MHz Tx to Rx Separation</p>	<p style="text-align: center;">TT1330</p>	<p style="text-align: center;">TT1334</p>	<p style="text-align: center;">TT1339</p>
<p style="text-align: center;"><u>Standalone Application A</u></p> <p style="text-align: center;">100kHz Wide Bandpass Duplexer 10MHz Tx to Rx Separation</p>	<p style="text-align: center;">TT2003</p>	<p style="text-align: center;">TT2007</p>	<p style="text-align: center;">TT2011</p>
<p style="text-align: center;"><u>Standalone Application B</u></p> <p style="text-align: center;">500kHz Wide Bandpass Duplexer 5MHz Tx to Rx Separation</p>	<p style="text-align: center;">TT1331</p>	<p style="text-align: center;">TT1335</p>	<p style="text-align: center;">TT1340</p>
<p style="text-align: center;"><u>Simplex Cross-Band Application A</u></p> <p style="text-align: center;">No DVR Filtering DVR Tx/Rx 380-430MHz</p>	<p style="text-align: center;">TT2298</p>	<p style="text-align: center;">Contact Futurecom</p>	<p style="text-align: center;">Contact Futurecom</p>

<p style="text-align: center;">450-470MHz In-band DVRS Models</p>	<p style="text-align: center;">Vehicle Mount</p> 	<p style="text-align: center;">Suitcase</p> 	<p style="text-align: center;">Cabinet</p> 
<p style="text-align: center;">In-Band Application A</p>  <p>VR RX * 0.5 MHz max Bandwidth</p> <p>VR TX * 0.5 MHz max Bandwidth</p> <p>* VR TX/RX May be reversed</p>	<p style="text-align: center;">TT1343</p>	<p style="text-align: center;">TT1347</p>	<p style="text-align: center;">TT1352</p>
<p style="text-align: center;">In-Band Application B</p>  <p>MOBILE RADIO TX / RX 12 MHz Max Bandwidth</p> <p>VR RX * 0.5 MHz max Bandwidth</p> <p>VR TX * 0.5 MHz max Bandwidth</p> <p>* VR TX/RX May be reversed</p>	<p style="text-align: center;">TT1344</p>	<p style="text-align: center;">TT1348</p>	<p style="text-align: center;">TT1353</p>

<p style="text-align: center;">450-470MHz Cross-Band Standalone Simplex DVRS Models</p>	<p style="text-align: center;">Vehicle Mount</p> 	<p style="text-align: center;">Suitcase</p> 	<p style="text-align: center;">Cabinet</p> 
<p style="text-align: center;"><u>Cross-Band Application A</u></p> <p style="text-align: center;">500kHz Wide Bandpass Duplexer 5MHz Tx to Rx Separation</p>	<p style="text-align: center;">TT1345</p>	<p style="text-align: center;">TT1349</p>	<p style="text-align: center;">TT1354</p>
<p style="text-align: center;"><u>Standalone Application A</u></p> <p style="text-align: center;">500kHz Wide Bandpass Duplexer 5MHz Tx to Rx Separation</p>	<p style="text-align: center;">TT1346</p>	<p style="text-align: center;">TT1350</p>	<p style="text-align: center;">TT1355</p>
<p style="text-align: center;"><u>Simplex Cross-Band Application A</u></p> <p style="text-align: center;">No DVR Filtering DVR Tx/Rx 450-470MHz</p>	<p style="text-align: center;">TT2299</p>	<p style="text-align: center;">Contact Futurecom</p>	<p style="text-align: center;">Contact Futurecom</p>

<p style="text-align: center;">470-512MHz In-band DVRS Models</p>	<p style="text-align: center;">Vehicle Mount</p> 	<p style="text-align: center;">Suitcase</p> 	<p style="text-align: center;">Cabinet</p> 
<p style="text-align: center;"><u>In-Band Application A</u></p>  <p style="text-align: center;">MOBILE RADIO TX / RX 12 MHz Max Bandwidth</p>	TT1361	TT1365	TT1369
<p style="text-align: center;"><u>In-Band Application B</u></p>  <p style="text-align: center;">MOBILE RADIO TX / RX 12 MHz Max Bandwidth</p>	TT1362	TT1366	TT1370

<p>470-512MHz Cross-Band Standalone Simplex DVRS Models</p>	<p>Vehicle Mount</p> 	<p>Suitcase</p> 	<p>Cabinet</p> 
<p><u>Cross-Band Application A</u></p> <p>200kHz Wide Bandpass Duplexer 3MHz Tx to Rx Separation</p>	<p>TT1363</p>	<p>TT1367</p>	<p>TT1371</p>
<p><u>Standalone Application A</u></p> <p>200kHz Wide Bandpass Duplexer 3MHz Tx to Rx Separation</p>	<p>TT1364</p>	<p>TT1368</p>	<p>TT1372</p>
<p><u>Simplex Cross-Band Application A</u></p> <p>No DVR Filtering DVR Tx/Rx 470-512MHz</p>	<p>TT2300</p>	<p>Contact Futurecom</p>	<p>Contact Futurecom</p>

<p style="text-align: center;">136-174MHz In-band DVRS Models</p>	<p style="text-align: center;">Vehicle Mount</p> 	<p style="text-align: center;">Suitcase</p> 	<p style="text-align: center;">Cabinet</p> 
<p style="text-align: center;"><u>In-Band Application A</u></p>  <p style="text-align: center;">* VR TX/RX May be reversed</p>	TT1236	TT1242	TT1249
<p style="text-align: center;"><u>In-Band Application B</u></p>  <p style="text-align: center;">* VR TX/RX May be reversed</p>	TT1237	TT1243	TT1250
<p style="text-align: center;"><u>In-Band Application C</u></p>  <p style="text-align: center;">* VR TX/RX May be reversed</p>	TT1238	TT1244	TT1251

<p>136-174MHz In-Band Cross-Band Standalone Simplex DVRS Models</p>	<p>Vehicle Mount</p> 	<p>Suitcase</p> 	<p>Cabinet</p> 
<p><u>In-Band 2 MHz Simplex</u></p> 	<p>TT2768A</p>	<p>DQDVC3063</p>	<p>DVC3065</p>
<p><u>In-Band 2 MHz Simplex</u></p> 	<p>TT2769A</p>		
<p><u>Cross-Band Application A</u></p> <p>500kHz Wide Bandpass Duplexer 5MHz Tx to Rx Separation</p>	<p>TT1240</p>	<p>TT1246</p>	<p>TT1253</p>
<p><u>Standalone Application A</u></p> <p>500kHz Wide Bandpass Duplexer 5MHz Tx to Rx Separation</p>	<p>TT1241</p>	<p>TT1247</p>	<p>TT1254</p>

<u>Simplex Cross-Band Application A</u> No DVR Filtering DVR Tx/Rx 136-174MHz	TT2297	Contact Futurecom	Contact Futurecom
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Standalone Suitcase with Internal Lithium Battery

<p>Standalone Suitcase with Internal Lithium Battery</p>	
<p>VHF 138-174 MHz Standalone Suitcase with Internal Lithium Battery 500 kHz Wide Bandpass Duplexer 5 MHz TX to RX Separation</p>	<p>TT2919</p>
<p>UHF 380-430 MHz Standalone Suitcase with Internal Lithium Battery 100 kHz Wide Bandpass Duplexer 10 MHz TX to RX Separation</p>	<p>TT2920</p>
<p>UHF 380-430 MHz Standalone Suitcase with Internal Lithium Battery 500 kHz Wide Bandpass Duplexer 5 MHz TX to RX Separation</p>	<p>TT2921</p>
<p>UHF 450-470 MHz Standalone Suitcase with Internal Lithium Battery 500 kHz Wide Bandpass Duplexer 5 MHz TX to RX Separation</p>	<p>TT2922</p>
<p>700 MHz Standalone Suitcase with Internal Lithium Battery 11 MHz Bandpass Duplexer DVR TX: 764-775 MHz DVR RX: 794-805 MHz</p>	<p>TT2923</p>
<p>800 MHz Standalone Suitcase with Internal Lithium Battery 10 MHz Bandpass Duplexer DVR TX: 851-869 MHz DVR RX: 806-824 MHz</p>	<p>TT2924</p>

Suitcase Color for Standalone Suitcase with Internal Lithium Battery

Standard Smaller Suitcase Color – BLACK (No Charge)	TT06142AA
Standard Smaller Suitcase Case Color – Army Green/Olive Drab (No Charge)	TT06143AA

Optional Backpack Sling

	
Optional Backpack Sling – Coyote Color	TT06144AA
Optional Backpack Sling – Multi Cam Color	TT06145AA

OPTIONS AND SPARES

ORDER CODE	DESCRIPTION
DDN9009	PROGRAMMING KIT FOR XTL™2500 / XTL™5000 INTERFACED DVR Physical media kit. Includes programming & installation manual, programming software and USB cable. Manuals and software available online for free download to registered users.
DDN1577	PROGRAMMING KIT FOR APX™6500 / APX™7500/ APX™8500 INTERFACED DVR Physical media kit. Includes programming & installation manual, programming software and USB cable. Manuals and software available online for free download to registered users.
DDN9010	PROGRAMMING KIT FOR Standalone DVR (WITHOUT MOBILE RADIO INTERFACE) Physical media kit. Includes programming & installation manual, programming software and USB cable. Manuals and software available online for free download to registered users.
DDN9011	BATTERY BACKUP FOR SUITCASE DVRS MODEL, 2HRS (50:50 TX-RX DUTY RATIO)
DDN9025	DVR PROGRAMMING USB CABLE, 10FT
DDN9031	OPTIONS CABLE PN 7W083X06-01, 2.5FT
DDN9028	DVR TO XTL / APX MOBILE CONTROL CABLE, PN 7W083X05-01, 3FT
DDN9029	DVR TO XTL / APX MOBILE Y CONTROL CABLE, PN 1W083B09-01, 3FT
DDN9012	UPGRADE (NEW DVR ORDERS ONLY) DVR-TO-XTL OR APX MOBILE Y CONTROL CABLE, PN 1W083B09-01, 3FT;
DDN9030	POWER CABLE FOR VEHICLE MOUNT DVRS, PN 1W083A01-01
DQDVR9028	POWER CABLE FOR VEHICLE MOUNT, STANDALONE DVR, PN 7W083X37-01
DDN9525	AC POWER CABLE FOR SUITCASE DVR, PN 7W077X17-01
DDN9524	DC POWER CABLE FOR SUITCASE DVR, PN 7W077X32-01
DDN9032	RF SWITCH CABLE FOR VEHICLE MOUNT DVRS, PN 7W083X09-01, 1FT
DDN9033	RF CABLE DVR-TO-DVR NOTCH FILTER FOR VEHICLE MOUNT DVRS, PN 7W083X16-01, 3FT
DDN9034	RF CABLE MOBILE-TO-IN-BAND NOTCH FILTER FOR VEHICLE MOUNT DVRS, PN 7W083X17-01, 3FT
DDN1715A	DVRS Migration Software- XTL to APX Mobile Radio(Per Unit) Includes DVR Conversion Firmware, New Tweaker Programming Software and Manuals for Vehicle Mount DVRS
DDN1716A	DVRS Migration Software- XTL to APX Mobile Radio(Per Unit) Includes DVR Conversion Firmware, New Tweaker Programming Software, Manuals and radio bracket for Suitcase DVRS
DQDVR2012	DVRS Conversion Software from APX to XTL for Vehicle Mount DVRS
HKN6245A	Control Head to Mobile Cable 2 Ft, ideal for Suitcase DVR

SUITCASE DVRS OPTIONS

Order Code	
TT06069AA	Standard Suitcase Case Color – Orange
TT06070AA	Standard Suitcase Case Color – Black
TT06071AA	Optional Suitcase Color - Deletes Standard Orange or Black suitcase and replaces with Yellow suitcase color
TT06072AA	Optional Suitcase Color - Deletes Standard Orange or Black suitcase and replaces with Silver suitcase color
TT06073AA	Optional Suitcase Color - Deletes Standard Orange or Black suitcase and replaces with Desert Tan suitcase color
TT06074AA	Optional Suitcase Color - Deletes Standard Orange or Black suitcase and replaces with Olive Drab Green suitcase color

SUITCASE DVRS POWER SUPPLY OPTIONS

Order Code	
TT06075AA	Standard 117 VAC
TT06076AA	Standard 220 VAC

ANTENNAS

ANTENNAS FOR VEHICLE MOUNT DVR	FREQUENCY BAND [MHz]
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UNITY GAIN (0dBd), ROOF / TRUNK MOUNT	
HAD4006A	136 – 144
HAD4007A	144 – 150.8
HAD4008A	150.8 – 162
HAD4009A	162 – 174
HAE6012A	380 – 433
HAE4003A	450 – 470
HAE4004A	470 – 512
HAF4016A	764 – 870

ANTENNAS FOR SUITCASE DVR UNITY GAIN (0dBd), MAG MOUNT	FREQUENCY BAND [MHz]
DDN9014	136 – 174
DDN9015	380 – 520
DDN9016	764 – 869

Warranty & Services












Standard Warranty is 18 months

<u>ORDER CODE</u>	<u>DESCRIPTION</u>	<u>Notes and Conditions</u>
DDN2085A	DVR Cross Band 4 Year Extended Warranty	DVRS Cross Band 4 Year Extended Warranty Extends standard warranty by 4 years. Can only be purchased once per unit. Must be purchased prior to expiration of standard warranty.
DDN2086A	DVR Cross Band 1 Year Extended Warranty	DVR Cross Band 1 Year Extended Warranty Extends any existing warranty by 1 year.

<u>ORDER CODE</u>	<u>DESCRIPTION</u>	<u>Notes and Conditions</u>
		<p>Can only be purchased a maximum of 4 times per unit. Cannot be purchased in conjunction with 4 year extended warranty.</p> <p>Must be purchased prior to expiration of any existing warranty.</p>
DDN2087A	DVR In-Band 4 Year Extended Warranty	<p>DVR In-Band 4 Year Extended Warranty Extends standard warranty by 4 years.</p> <p>Can only be purchased once per unit.</p> <p>Must be purchased prior to expiration of standard warranty.</p>
DDN2088A	DVR In-Band 1 Year Extended Warranty	<p>DVR In Band 1 Year Extended Warranty Extends any existing warranty by 1 year.</p> <p>Can only be purchased a maximum of 4 times per unit. Cannot be purchased in conjunction with 4 year extended warranty.</p> <p>Must be purchased prior to expiration of any existing warranty.</p>
DDN1971A	On-Site Technical and Programming Support (BASIC)	<p>Maximum 1 day; see EXTENDED support for additional days.</p> <p>Minimum 2 weeks advance notice required however subject to resource availability. Applies to North America only.</p>

<u>ORDER CODE</u>	<u>DESCRIPTION</u>	<u>Notes and Conditions</u>
DDN1972A	On-Site Technical and Programming Support (EXTENDED)	Must purchase BASIC on-site technical and programming support. All on-site activity must be scheduled as sequential days.
DDN1973A	Technical and Programming Phone Support	Must be purchased in 1hr increments.
DDN1974A	On-Site Training (BASIC)	<p>Maximum 1 day; see EXTENDED training for additional days.</p> <p>Minimum 2 weeks advance notice required however subject to resource availability. Applies to North America only.</p> <p>Standard training package. Includes soft copy of training materials. Customized training available subject to content and price negotiation.</p>
DDN1975A	On-Site Training (EXTENDED)	Must purchase BASIC on-site training All on-site activity must be scheduled as sequential days.

Suitcase Comparison Chart Reference

				
	Standalone Suitcase	Suitcase Trunking/ Conventional Extension	Standalone Suitcase with Internal Lithium Battery	Suitcase with V.24 Extension
Size (W,H,D)	17" x 20.6" x 8.6"	17" x 20.6" x 8.6"	14.06" x 19.3" x 6.93"	19.2 x 15.2 x 7.3
Frequency Band	VHF, UHF, 700 MHz, 800 MHz	VHF, UHF, 700 MHz, 800 MHz	VHF, UHF, 700 MHz, 800 MHz	VHF, UHF, 700 MHz, 800 MHz
Power Output	10 Watts	10 Watts	10 Watts	20 Watts
Weight	50 lbs.	50 lbs.	22 lbs.	27.4 lbs.
AC/DC Power	YES	YES	NO	YES
Duty Cycle	Continuous	Continuous	50:50	50:50
Analog Conventional Operation	YES	YES	YES	NO
P25 Digital Conventional Operation	YES	YES	YES	YES
Interchangeable Duplexer	NO	NO	NO	YES
Battery Source	External	External	Internal	External
Network Connection Type	NONE	APX MOBILE	NONE	WIRELINE
Closed Case Operation	NO	NO	YES	YES
Standard Case Colors				
Optional Case Colors				
Backpack Sling (Optional)	YES	YES	YES	YES
Battery Pack (Optional)	YES	YES	NO	YES
50 Watt Booster Pack (Optional)	NO	NO	NO	YES

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