

**Viasat KG-142 Product Family  
MSRP Price List**

Viasat Part Number	Description	MSRP
<b>Encryptors</b>		
1215483	<p>KG-142 100G Ethernet Encryptor (EE) Long Reach (LR)</p> <ul style="list-style-type: none"> <li>» Enterprise Class, EDE-CIS compliant for TS/SCI and below, ACC compliant, KMI Aware</li> <li>» Licensed for 1x100 Gbps (200 Gbps full duplex) and also 1x10Gbps, 2x10Gbps, 4x10Gbps (20Gbps, 40Gbps, 80Gbps, full duplex)</li> <li>» Near-zero traffic latency</li> <li>» Metro Ethernet Forum (MEF) and IEEE compliant frame forwarding</li> <li>» AES-256-GCM, IEEE 802.1AE MACsec encryption</li> <li>» Software upgradeable to meet future EDE-CIS standards and other requirements</li> <li>» Configurable address filtering to work through bridge applications</li> </ul> <p>Includes:</p> <ul style="list-style-type: none"> <li>- Five year hardware warranty</li> <li>- 24/7 Help Desk Support for Basic Troubleshooting and Ticketing Assistance; does not include installation or other support services</li> <li>- CFP2 100G LR Optics (qty 2)</li> <li>- Power Cords (qty 2)</li> <li>- CDs with Provisioning File, Manuals, Doctrine and Other Setup Files</li> <li>- Quick Start Guide, Hard copy</li> </ul>	\$ 155,000
1250381	<p>KG-142 1x10G Ethernet Encryptor (EE) Short Reach (SR)</p> <ul style="list-style-type: none"> <li>» Enterprise Class, EDE-CIS compliant for TS/SCI and below, ACC compliant, KMI Aware</li> <li>» Licensed for 1x10 Gbps (20 Gbps full duplex) and upgradable to 2x10Gbps, 4x10Gbps, or 100Gbps (40Gbps, 80Gbps, or 200Gbps full duplex) through separate purchase of upgrade license(s)</li> <li>» Near-zero traffic latency</li> <li>» Metro Ethernet Forum (MEF) and IEEE compliant frame forwarding</li> <li>» AES-256-GCM, IEEE 802.1AE MACsec encryption</li> <li>» Software upgradeable to meet future EDE-CIS standards and other requirements</li> <li>» Configurable address filtering to work through bridge applications</li> </ul> <p>Includes:</p> <ul style="list-style-type: none"> <li>- Five year hardware warranty</li> <li>- 24/7 Help Desk Support for Basic Troubleshooting and Ticketing Assistance; does not include installation or other support services</li> <li>- QSFP+ 4x10Gbps SR Optics (qty 2)</li> <li>- Power Cords (qty 2)</li> <li>- CDs with Provisioning File, Manuals, Doctrine and Other Setup Files</li> <li>- Quick Start Guide, Hard copy</li> </ul>	\$ 69,000
1251267	<p>KG-142 2x10G Ethernet Encryptor (EE) Short Reach (SR)</p> <ul style="list-style-type: none"> <li>» Enterprise Class, EDE-CIS compliant for TS/SCI and below, ACC compliant, KMI Aware</li> <li>» Licensed for 2x10 Gbps (40 Gbps full duplex) and upgradable to 4x10Gbps or 100Gbps (80Gbps or 200Gbps full duplex) through separate purchase of upgrade license(s)</li> <li>» Near-zero traffic latency</li> <li>» Metro Ethernet Forum (MEF) and IEEE compliant frame forwarding</li> <li>» AES-256-GCM, IEEE 802.1AE MACsec encryption</li> <li>» Software upgradeable to meet future EDE-CIS standards and other requirements</li> <li>» Configurable address filtering to work through bridge applications</li> </ul> <p>Includes:</p> <ul style="list-style-type: none"> <li>- Five year hardware warranty</li> <li>- 24/7 Help Desk Support for Basic Troubleshooting and Ticketing Assistance; does not include installation or other support services</li> <li>- QSFP+ 4x10Gbps SR Optics (qty 2)</li> <li>- Power Cords (qty 2)</li> <li>- CDs with Provisioning File, Manuals, Doctrine and Other Setup Files</li> <li>- Quick Start Guide, Hard copy</li> </ul> <p>Price valid for single MIPR/PO: Any quantity of units</p>	\$ 100,500

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1251268	<p>KG-142 4x10G Ethernet Encryptor (EE) Short Reach (SR)</p> <ul style="list-style-type: none"> <li>» Enterprise Class, EDE-CIS compliant for TS/SCI and below, ACC compliant, KMI Aware</li> <li>» Licensed for 4x10 Gbps (80 Gbps full duplex) and upgradable to 100Gbps (200Gbps full duplex) through separate purchase of upgrade license(s)</li> <li>» Near-zero traffic latency</li> <li>» Metro Ethernet Forum (MEF) and IEEE compliant frame forwarding</li> <li>» AES-256-GCM, IEEE 802.1AE MACsec encryption</li> <li>» Software upgradeable to meet future EDE-CIS standards and other requirements</li> <li>» Configurable address filtering to work through bridge applications</li> </ul> <p>Includes:</p> <ul style="list-style-type: none"> <li>- Five year hardware warranty</li> <li>- 24/7 Help Desk Support for Basic Troubleshooting and Ticketing Assistance; does not include installation or other support services</li> <li>- QSFP+ 4x10G SR Optics (qty 2)</li> <li>- Power Cords (qty 2)</li> <li>- CDs with Provisioning File, Manuals, Doctrine and Other Setup Files</li> <li>- Quick Start Guide, Hard copy</li> </ul> <p>Price valid for single MIPR/PO: Any quantity of units</p>	\$ 117,500
1296729	<p>KG-142 1x10G Ethernet Encryptor (EE) Long Reach (LR)</p> <ul style="list-style-type: none"> <li>» TS/SCI Ethernet Protection</li> <li>» 10 Gbps (20 Gbps full duplex)</li> <li>» Near-zero traffic latency</li> <li>» Software upgradeable to EDE-CIS and other requirements</li> <li>» Metro Ethernet Forum (MEF) and IEEE compliant frame forwarding</li> <li>» AES-256-GCM, IEEE 802.1AE MACsec encryption</li> <li>» Configurable address filtering to work through bridge applications</li> <li>» Platform is upgradable from 1x10 to 2x10, 4x10 or 100 Gbps through separate purchase of upgrade license(s)</li> </ul> <p>INCLUDES:</p> <ul style="list-style-type: none"> <li>- Five year hardware warranty</li> <li>- 24/7 Help Desk Support for Basic Troubleshooting and Ticketing Assistance; does not include installation or other support services</li> <li>- FTR CIK (Field Tamper Recovery key)</li> <li>- QSFP+ 4x10G LR-S MPO 10km Optics (qty 2)</li> <li>- Power Cords (qty 2)</li> <li>- CDs with Provisioning File, Manuals, Doctrine and Other Setup Files</li> <li>- Quick Start Guide, Hardcopy</li> </ul> <p>Price valid for: Any quantity per MIPR/PO</p>	\$ 71,400

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1296730	<p>KG-142 2x10G Ethernet Encryptor (EE) Long Reach (LR)</p> <ul style="list-style-type: none"> <li>» Enterprise Class, EDE-CIS compliant for TS/SCI and below, ACC compliant, KMI Aware</li> <li>» Licensed for 2x10 Gbps (40 Gbps full duplex) and upgradable to 4x10Gbps or 100Gbps (80Gbps or 200Gbps full duplex) through separate purchase of upgrade license(s)</li> <li>» Near-zero traffic latency » Metro Ethernet Forum (MEF) and IEEE compliant frame forwarding</li> <li>» AES-256-GCM, IEEE 802.1AE MACsec encryption</li> <li>» Software upgradeable to meet future EDE-CIS standards and other requirements</li> <li>» Configurable address filtering to work through bridge applications</li> </ul> <p>Includes:</p> <ul style="list-style-type: none"> <li>- Five year hardware warranty</li> <li>- 24/7 Help Desk Support for Basic Troubleshooting and Ticketing Assistance; does not include installation or other support services</li> <li>- QSFP+ 4x10G LR-S MPO 10km Optics (qty 2)</li> <li>- Power Cords (qty 2)</li> <li>- CDs with Provisioning File, Manuals, Doctrine and Other Setup Files</li> <li>- Quick Start Guide, Hard copy</li> </ul> <p>Price valid for single MIPR/PO: Any quantity of units</p>	\$ 102,400
1296731	<p>KG-142 4x10G Ethernet Encryptor (EE) Long Reach (LR)</p> <ul style="list-style-type: none"> <li>» Enterprise Class, EDE-CIS compliant for TS/SCI and below, ACC compliant, KMI Aware</li> <li>» Licensed for 4x10 Gbps (80 Gbps full duplex) and upgradable to 100Gbps (200Gbps full duplex) through separate purchase of upgrade license(s)</li> <li>» Near-zero traffic latency</li> <li>» Metro Ethernet Forum (MEF) and IEEE compliant frame forwarding</li> <li>» AES-256-GCM, IEEE 802.1AE MACsec encryption</li> <li>» Software upgradeable to meet future EDE-CIS standards and other requirements</li> <li>» Configurable address filtering to work through bridge applications</li> </ul> <p>Includes:</p> <ul style="list-style-type: none"> <li>- Five year hardware warranty</li> <li>- 24/7 Help Desk Support for Basic Troubleshooting and Ticketing Assistance; does not include installation or other support services</li> <li>- QSFP+ 4x10G LR-S MPO 10km Optics (qty 2)</li> <li>- Power Cords (qty 2)</li> <li>- CDs with Provisioning File, Manuals, Doctrine and Other Setup Files</li> <li>- Quick Start Guide, Hard copy</li> </ul> <p>Price valid for single MIPR/PO: Any quantity of units</p>	\$ 120,000
<b>Software License Features</b>		
1251254	<p>Software License, Upgrade from 1x10G to 2x10G - License confirmed via email, downloaded from Viasat portal; all orders must include a valid, unclassified email address - Serial number of the unit(s) must be provided at the time of ordering - Enables 1x10G and 2x10G speed grades - x10G speed grades require QSFP+ Optics - Approved Optics sold separately, Long Reach (LR) or Short Reach (SR) options available (Optics listed under Accessories)</p>	\$ 34,650
1251255	<p>Software License, Upgrade from 1x10G to 4x10G - License confirmed via email, downloaded from Viasat portal; all orders must include a valid, unclassified email address - Serial number of the unit(s) must be provided at the time of ordering - Enables 1x10G, 2x10G, and 4x10G speed grades - x10G speed grades require QSFP+ Optics - Approved Optics sold separately, Long Reach (LR) or Short Reach (SR) options available (Optics listed under Accessories)</p>	\$ 53,350
1251257	<p>Software License, Upgrade from 2x10G to 4x10G - License confirmed via email, downloaded from Viasat portal; all orders must include a valid, unclassified email address - Serial number of the unit(s) must be provided at the time of ordering - Enables 1x10G, 2x10G, and 4x10G speed grades - x10G speed grades require QSFP+ Optics - Approved Optics sold separately, Long Reach (LR) or Short Reach (SR) options available (Optics listed under Accessories)</p>	\$ 18,700

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Viasat Part Number	Description	MSRP
1251258	Software License, Upgrade from 1x10G to 100G - License confirmed via email, downloaded from Viasat portal; all orders must include a valid, unclassified email address - Serial number of the unit(s) must be provided at the time of ordering - Enables 1x10G, 2x10G, 4x10G, and 100G speed grades - x10G speed grades require QSFP+ Optics; 100G speed grade requires CFP2 Optics - Approved Optics sold separately, Long Reach (LR) or Short Reach (SR) options available (Optics listed under Accessories)	\$ 94,600
1251259	Software License, Upgrade from 2x10G to 100G - License confirmed via email, downloaded from Viasat portal; all orders must include a valid, unclassified email address - Serial number of the unit(s) must be provided at the time of ordering - Enables 1x10G, 2x10G, 4x10G, and 100G speed grades - x10G speed grades require QSFP+ Optics; 100G speed grade requires CFP2 Optics - Approved Optics sold separately, Long Reach (LR) or Short Reach (SR) options available (Optics listed under Accessories)	\$ 59,950
1251261	Software License, Upgrade from 4x10G to 100G - License confirmed via email, downloaded from Viasat portal; all orders must include a valid, unclassified email address - Serial number of the unit(s) must be provided at the time of ordering - Enables 1x10G, 2x10G, 4x10G, and 100G speed grades - x10G speed grades require QSFP+ Optics; 100G speed grade requires CFP2 Optics - Approved Optics sold separately, Long Reach (LR) or Short Reach (SR) options available (Optics listed under Accessories)	\$ 41,250
<b>CIKs</b>		
1171207	CIK Token	\$ 55
1253735	KG-142 Field Tamper Recovery (FTR) CIK Replacement Charged on a per unit basis. Surcharge fee per SRV-KG255-FTRSUR also applies. Serial number must be provided with order. Contact Viasat for additional information/instructions.	\$ 240
SRV-KG255-FTRSUR	Surcharge for Replacement Field Tamper Recovery (FTR) CIK. Supports KG-250XS, KG-250X, KG-250X-FC, KG-250X-M, KG-250X-G, IPS-250X, IPS-250XM, KG-255X, KG-255XJ and KG-142 . Charged on a per order/MIPR basis in conjunction with FTR CIK Replacement	\$ 1,395
<b>Optics and Transceivers</b>		
1220852	QSFP+, 40GBASE-SR4, 4x10Gbps, Short Reach (SR), Fiber-Optic Module	\$ 660
1225812	CFP2, 100GBASE-LR4, 100Gbps, Long Reach (LR), Fiber-Optic Module	\$ 12,100
1309084	QSFP+, 40GBASE-LR4, 4x10Gbps, Long Reach (LR), Fiber-Optic Module	\$ 2,010
1309130	Fiber optic breakout cable, MPO female to 4 LC UPC Duplex, Single Mode, 8 Fibers, Type B LSZH OS2 9/125, Yellow, 10 ft. Note: Compatible with QSFP+ 40GBASE-LR4 4x10Gbps Long Reach (LR) fiber optic transceiver modules.	\$ 200
1353468	Fiber optic breakout cable, MPO female to 4 LC UPC Duplex, Multimode, 8 Fibers, Type B LSZH OM3 50/125, Aqua, 10 ft. Note: Compatible with QSFP+ 40GBASE-SR4 4x10Gbps Short Reach (SR) fiber optic transceiver modules.	\$ 154
<b>Power Supplies and Power Cables</b>		
1182542	Power supply module	\$ 1,020
<b>Accessories and Ancillaries</b>		
1053505	Spare Battery (3.6V,LI-SOCL2,2.45 AH,AA)	\$ 30
1246649	Fan Module	\$ 1,794
<b>Extended Warranties</b>		
1384697	KG-142 Extended Warranty, 6th or 7th Year+: Extends warranty by 1 year if exercised before warranty expires.	\$ 9,000
<b>Support and Services</b>		
SRV-KG-255XJ-INTSUP	KG-255XJ Engineering and Integration support (up to twenty (20) hours of off-site/remote support) to be utilized within six (6) months of order. Support for KG-255XJ device integration into customer networks and network management systems. This support is provided by engineering and technical support personnel. Support includes, for example, requests involving the writing of python scripts that solve specific tasks.	\$ 9,900

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N/A	<p>KG-142 Major Repair<sup>11</sup>. Includes the repair, upgrade or replacement of one (1) of the following items as well as return packaging and shipping.</p> <ul style="list-style-type: none"> <li>» High Speed Board</li> <li>» Crypto Management Board stack</li> <li>» Software upgrades, as required</li> <li>» Cleaning, as required</li> <li>» Paint touch up, as required</li> <li>» Preventative maintenance               <ul style="list-style-type: none"> <li>-- Batteries</li> <li>-- Fan if, necessary</li> <li>-- Tamper Recovery, if necessary</li> </ul> </li> </ul>	\$ 50,400
N/A	<p>KG-142 Standard Repair<sup>11</sup>. Includes the repair, upgrade or replacement of two (2) or more of the following types of items as well as return packaging and shipping.</p> <ul style="list-style-type: none"> <li>» Minor boards</li> <li>» Fan assembly</li> <li>» Power Supply</li> <li>» Front Panel assembly</li> <li>» Combination of miscellaneous minor parts</li> <li>» Software upgrades, as required</li> <li>» Cleaning, as required</li> <li>» Paint touch up, as required</li> <li>» Preventative maintenance               <ul style="list-style-type: none"> <li>-- Batteries</li> <li>-- Fan if, necessary</li> <li>-- Tamper Recovery, if necessary</li> </ul> </li> </ul>	\$ 21,600
N/A	<p>KG-142 Minor Repair<sup>11</sup> Includes the following:</p> <ul style="list-style-type: none"> <li>» Incoming inspection</li> <li>» Internal inspection</li> <li>» Power-up test</li> <li>» Acceptance tests, as necessary</li> <li>» Diagnoses</li> <li>» Repair plan</li> <li>» Revised quote, if standard or major repair is deemed necessary</li> <li>» Battery replacement</li> <li>» New fan assembly, if necessary</li> <li>» Tamper recovery, if necessary, and</li> <li>» Re-packaging and shipping</li> </ul> <p>No Fault Found (NFF) - For each unit returned to Viasat that is determined by Viasat to operate without failure or defect, the KG-142 Minor Repair price will be charged to cover the evaluation and processing costs of the NFF unit. If NFF, battery replacement and power test will be performed.</p> <p>Beyond Economical Repair (BER) OR Beyond Physical Repair (BPR) - For each unit returned to Viasat that is determined by Viasat to be BER or BPR, the KG-142 Minor Repair price will be charged to cover the evaluation and processing costs of the BER/BPR unit.</p>	\$ 4,800
SRV-NETWORK-KG	<p>Network architectural, design and/or engineering efforts for KG-250XS, KG-250X, KG-250X variants, IPS-250X, KG-255X and KG-142 charged on a per hour basis. These on-site or virtual network architectural, design and/or engineering efforts enable collaboration between Viasat and the end user's designers, engineers and other vendors. These efforts include technical exchanges with Viasat's product management design liaison who can advise on engineering challenges and solutions for integrating Viasat Type 1 devices into complex enterprise and cloud networks. Additional travel charges also apply.</p>	\$ 660

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<b>Training</b>		
SRV-ADVTR-INT-OCONUS-KG	Training - Advanced Course (HAIPE or EDE) with On-Site Integration Support, OCONUS: Two-day advanced HAIPE (KG-255X, KG-250XS, KG-250X and variants, IPS-250X and variants) or EDE (KG-142, KG-255X EDE) Product Training course with one day of on-site integration support at customer's site. In addition to the instructor led, classroom-style training course for up to 10 students this offering includes one day of on-site integration support. This line item is recommended when end users wish to receive installation and integration support specific to their setup while the instructor is on-site. The two-day training course and on-site integration are to occur on consecutive days at the same location. This offering is for three days of on site efforts plus two days of travel time. A four week minimum notice for desired training/on-site support dates is required.	\$ 39,000
SRV-ADVTR-OCONUS-KG	Training - Advanced Course (HAIPE or EDE), OCONUS: Two-day advanced HAIPE (KG-255X, KG-250XS, KG-250X and variants, IPS-250X and variants) or EDE (KG-142, KG-255X EDE) Product Training course at customer's site. Instructor led, classroom-style training course for up to 10 students at customer's OCONUS location. This offering is for two days of training plus two days of travel time. A four week minimum notice of desired training dates is required.	\$ 35,400
SRV-EDE-T0004	Training - Basic Course (EDE): Instructor led, classroom-style EDE Product (KG-142, KG-255X EDE) training course for up to 10 students at Viasat's facility (combine with CLIN 3529 for on-site training at CONUS Locations). Typically 1 day.	\$ 8,400
SRV-EDE-T0005	Training - Advanced Course (EDE): Instructor led, classroom-style EDE Product (KG-142, KG-255X EDE) training course for up to 10 students at Viasat's facility (combine with CLIN 3529 for on-site training at CONUS Locations). Typically 1.5 days.	\$ 16,800
SRV-INT-OCONUS-KG	On-Site Integration Support, OCONUS On site integration support at customer's site for HAIPE (KG-255X, KG-250XS, KG-250X and variants, IPS-250X and variants) or EDE (KG-142, KG-255X EDE) Products. This offering includes both the labor and travel costs for one Viasat Technical Support personnel. This offering is for three days of on site support plus two days of travel time. A four week minimum notice for desired on-site support dates is required.	\$ 38,400
SRV-KG250-OSI	On site integration support, CONUS: for HAIPE (KG-255X, KG-250XS, KG-250X and variants, IPS-250X and variants) or EDE (KG-142, KG-255X EDE) Products charged on a per hour basis. Additional on-site visit fee applies.	\$ 480
SRV-KG250-OST1	CONUS Site Visit Fee: Additional fee for HAIPE or EDE training or integration support at the customer's CONUS location (up to one week). Two week minimum notice required.	\$ 12,600

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