

BMW X5
Security
Security Plus



BMW X5 SECURITY. BMW X5 SECURITY PLUS.

BMW ENGINEERED MOBILE SECURITY.

International version. Please contact your local dealer for country specific information.



UNCOMPROMISING SAFETY/PROTECTION.

- 04 BMW Security concept.
- 06 Discretion.
- 08 Comfort.
- 10 Driving dynamics.

INDIVIDUAL PROTECTION.

- 14 The safety/protection concept.
- 16 The BMW X5 Security safety passenger cell.
- 18 The BMW X5 Security protection level VR4 (BRV 2009).
- 20 The BMW X5 Security protection level VR4 (BRV 2009) protective equipment.
- 22 The BMW X5 Security Plus safety passenger cell.
- 24 The BMW X5 Security Plus protection level VR6 (BRV 2009).
- 26 The BMW X5 Security Plus protection level VR6 (BRV 2009) protective equipment.

MAXIMUM AGILITY.

- 30 Powerhouse – the BMW X5 xDrive50i.

- 32 Safety on every terrain with BMW xDrive.

EXCEPTIONAL COMFORT.

- 36 Comfort in the BMW X5 Security.
- 38 Comfort in the BMW X5 Security Plus.

BMW CONNECTED DRIVE.

- 42 BMW ConnectedDrive services & apps.
- 44 BMW ConnectedDrive driver assistance.

AUTHORITY VEHICLE EQUIPMENT.

- 48 Special equipment for authority vehicles.

SAFETY & SERVICE.

- 52 BMW Security driver training.
- 54 BMW Service.

OVERVIEW.

- 56 Technical data.
- 58 Overview of Security Vehicles.

Editorial

SAFETY FIRST.

Since its launch, the BMW X5 has been setting milestones in its class – a class of which it was the founding member. It is characterised by countless intelligent technologies, impressive dynamics and exceptional standards of comfort. The third generation of the BMW X5 has raised the bar once again – not only as a Sports Activity Vehicle (SAV), but also as a Security Vehicle.

BMW was the first manufacturer worldwide to offer a series produced SAV with integrated security equipment. The third generation BMW X5 Security and second generation BMW X5 Security Plus combine outstanding driving performance, exceptional comfort and exclusive equipment with innovative safety technologies for maximum protection in every situation.

The BMW X5 Security meets protection level VR4 (BRV 2009) and the BMW X5 Security Plus meets protection level VR6 (BRV 2009), as both vehicles come with customised, integrated protective equipment ex factory. In terms of appearance and driving dynamics they are virtually indistinguishable from the standard models, so they're incredibly discrete and always make a sophisticated impression. This is made possible by an intelligent mix of high-tech materials and the special adaptation of various vehicle components. BMW has the entire production chain covered – from conception through to implementation – and meets the highest standards in terms of active and passive safety thanks to more than three decades' experience in the development and production of special protective equipment.

www.bmw-security-vehicles.com

Specifications of model shown: BMW xDrive50i with Pure Experience exterior design.

Engine:	BMW TwinPower Turbo eight-cylinder petrol engine	Wheels:	19" light alloy wheels Star-spoke style 449
Power output:	330kW (450hp)	Exterior colour:	Sparkling Brown metallic
		Upholstery:	Ivory White Exclusive
		Interior trim:	Nappa leather, extended American Oak fine-wood trim

For information on fuel consumption and CO₂ emissions see pages 56/57.

TRUST IS GOOD. EXPERIENCE IS BETTER.

FOR OVER 30 YEARS BMW HAS DEVELOPED AND PRODUCED SECURITY VEHICLES THAT MEET THE HIGHEST STANDARDS.

One of the most important lessons we've learnt: you can only produce a vehicle that offers comprehensive, uncompromising protection if all aspects of the safety concept are provided by one company. The integration of protective elements and the associated additional weight is taken into consideration right from the very beginning, during the design phase. Together with innovative materials and advanced development techniques, this approach ensures that all the protective elements are perfectly integrated when production gets under way. All the protective technologies, such as the aramid and moulded components made of high-strength steel, are expertly integrated so as to retain the discrete appearance of a standard BMW. Suspension systems designed to withstand extreme stress are installed during production – which guarantees exceptional comfort and classic BMW driving dynamics. The standard passenger restraint system and airbags are just as effective as those in the regular BMW X5. In addition to the strict quality standards imposed on every BMW Security Vehicle, these models are also tested and certified according to the internationally recognised ballistic guidelines for Bullet Resistant Vehicles (BRV 2009).



1978 BMW 7 Series Security Vehicle – the first generation of Security Vehicles.



1989 BMW 7 Series Security Vehicle – the first long version.



1995 BMW 7 Series High Security Saloon – raised the standards on the international market.



1997 BMW 5 Series Protection – the first generation.



1998 BMW 7 Series Protection – the Security Vehicle with even greater comfort.



2000 BMW 3 Series Security – the first mid-range car with protective armour.



2008 BMW 7 Series High Security – the fourth generation with the latest armour technologies.



2004 BMW X5 Security – the first generation of armoured Sports Activity Vehicles (SAV).



2005 BMW 5 Series Security – available with a choice of two different engines.




2008 BMW X5 Security and BMW X5 Security Plus – the first Security Plus generation of the BMW X5 with protection level 6.



2009 BMW 7 Series High Security – BMW is the first manufacturer to meet the VR7 protection level in accordance with the BRV 2009 guidelines.



2014 BMW X5 Security and BMW X5 Security Plus – the latest generation of armoured SAVs.



**CAN'T FIND THE SECURITY VEHICLE
IN THIS PICTURE? THAT'S PRECISELY
OUR AIM.**

The discrete appearance of the BMW X5 Security and BMW X5 Security Plus is just as essential as their protective technologies. From multi-layered safety glass and runflat tyres, to armour made from synthetic fibre or high-strength steel moulded components – all the protective elements that could influence the vehicle's appearance have been integrated with extreme precision to make them virtually invisible, even to the trained eye. From the distinctive front and athletic side contours to the powerful rear, the BMW X5 Security and BMW X5 Security Plus look almost identical to the standard models. No matter whether you choose the BMW X5 Security or the BMW X5 Security Plus, you'll benefit from a discrete appearance and unparalleled protection.



MORE SAFETY MEANS LESS COMFORT? NOT AT BMW.

Those with great responsibility rarely compromise on important issues – the same goes for the interior of the safety passenger cell. All the protective elements inside the BMW X5 Security and the BMW X5 Security Plus have been expertly integrated to maintain the stylish ambience and luxuriant spaciousness of a standard BMW X5 model. You can even add your own personal touch by selecting from a wide variety of expertly crafted design elements made from premium materials, or from the exclusive BMW Individual equipment range. For greater safety, infotainment and convenience, there are also countless optional driver assistance systems available, as well as the services and apps provided by BMW ConnectedDrive. Take for instance the optional Professional rear-seat entertainment, which enables passengers to surf the internet or watch DVDs on two 9.2" colour screens. These modern conveniences also benefit from the Security Vehicle's improved interior acoustics – the protective features and armour plating enhance the passenger cell's sound insulation. In other words, safety and luxury are certainly not mutually exclusive.

THE QUICKEST WAY TO GET TO SAFETY? CLOSE THE DOORS.

Superb handling is one of the fundamental features of every BMW – including the Security Vehicles. Exceptional agility and acceleration are permanent fixtures in the overall safety concept behind the BMW X5 Security and BMW X5 Security Plus, because sometimes a hasty retreat is the best form of defence. To guarantee the best possible driving dynamics in even the most demanding situations, all the suspension control systems are specially tuned to accommodate the additional weight of the armour and protective elements. The necessary drive power and impressive acceleration is provided by the extremely responsive BMW TwinPower Turbo V8 engine, which generates an output of 330kW (450hp)¹ and maximum torque of 650Nm. Together with the "Professional" Adaptive suspension package (which comes as standard) with Dynamic Damper Control and air cushioning on the rear axle, both Security Vehicles provide the best possible comfort – as well as particularly responsive and agile handling. Moreover, the intelligent BMW xDrive four-wheel drive system ensures maximum directional stability and increased traction on all road surfaces and in any weather.

¹ Further information on fuel consumption and CO₂ emissions can be found on pages 56/57.



**INDIVIDUAL
PROTECTION**





ALL BASES COVERED.

BMW'S SAFETY EXPERTS AND ENGINEERS MAKE IT THEIR MISSION TO ENSURE YOU'RE ALWAYS PERFECTLY PREPARED FOR ANY CRISIS SITUATION.

Inside your BMW X5 Security or BMW X5 Security Plus you will enjoy the unique comfort and luxury of a standard BMW X5, safe in the knowledge that you're optimally protected. The Bullet Resistant Vehicles guideline (BRV 2009) is an internationally recognised standard for testing the ballistic resistance of specially armoured vehicles. Tests are carried out separately on each of the materials used and the entire vehicle is also subjected to ballistics testing and certification. The evaluation is performed by an official proof house to guarantee an objective assessment in line with standardised testing procedures.

The result: no matter whether you're driving in a private capacity, as a public official, or as part of a convoy, in a BMW Security Vehicle you can take on every situation with poise and sophistication.

THE BMW X5 SECURITY –
PROTECTION LEVEL VR4
(BRV 2009).

THE SAFETY PASSENGER CELL IN THE BMW X5 SECURITY.



BMW engineers have developed an intelligent mix of highly tear-resistant synthetic fibre moulded components for the **protective armour of the entire passenger cell and the luggage compartment**. Sections of high-strength steel are used to create overlapping armour that ensure vulnerable areas such as the joints and transitions (such as from the window to the window frame) are especially well protected.





THE BMW X5 SECURITY – PROTECTION LEVEL VR4 (BRV 2009).



THE BMW X5 SECURITY OFFERS ADVANCED PROTECTION AND EXCELLENT FLEXIBILITY.

The innovative safety concept protects passengers and luggage from all kinds of street crime, such as armed robbery, kidnapping and carjacking. In such instances, blunt instruments and hand guns pose a significant threat. The BMW X5 Security meets protection level VR4 (BRV 2009) and ensures maximum safety at all times, while also providing the kind of driving dynamics and versatility you would expect from a sporty four-wheel drive. BMW Security Vehicles are manufactured according to BMW quality criteria and must pass BMW's rigorous tests and gain official certification. The official VR4 ballistics testing and certification involves hand guns in the most commonly used calibres, from 9mm Lugers and .357 Magnums through to .44 Magnums.

CALIBRE



9mm Luger

.357 Magnum

.44 Magnum



MULTI-LAYERED SAFETY GLASS The BMW X5 Security features safety glass on all windows. The glass is approximately 2cm thick and consists of a glass/synthetic composite capable of withstanding fire from weapons up to a .44 calibre Magnum. A polycarbonate coating on the inside of the glazing prevents glass fragments entering the interior for even greater protection. The multi-layered safety glass looks virtually no different from standard glass.



INTERCOM AND ATTACK ALARM The BMW X5 Security comes standard with an intercom for communicating with people outside the vehicle without having to open the windows or doors. It also includes an attack alarm that triggers visual and acoustic signals and ensures the windows and doors are locked.



RUNFLAT TYRES The standard runflat tyres make it possible to continue driving after a loss of tyre pressure at speeds of up to 80km/h over a limited distance. Loss of tyre pressure is indicated by a warning tone and a check control notification in the cockpit.

PROTECTIVE EQUIPMENT

THE BMW X5 SECURITY – PROTECTION LEVEL VR4 (BRV 2009).

BMW TAKES EVERY LAST DETAIL INTO CONSIDERATION FOR YOUR PROTECTION.

The integration of protective elements is factored in right from the conception of the series model to guarantee the best possible result. The comprehensive protective elements, such as multi-layered safety glass, moulded components made from aramid, polyethylene and high-strength steel, are integrated step by step throughout production. Heavier than the standard model, the BMW X5 Security features an intelligent mix of materials to counteract its additional weight and retain its typical BMW driving dynamics without compromising on safety.

The BMW X5 Security comes with multi-layered safety glass, runflat tyres and an intercom including an attack alarm as standard. The standard sun protection glazing ensures a discrete appearance, the side windows can be opened despite the vehicle armour (rear side windows optional) and the optional Soft-Close function gently pulls the doors closed. Additional safety features can be integrated upon request, such as internal undercarriage splinter protection, which provides additional protection against explosions of up to two DM51 hand grenades. There's also an optional safety fuel tank that prevents fuel loss after being damaged by gunfire. And the windscreen is available with a heating function to prevent the glass from fogging up.

THE BMW X5 SECURITY PLUS – PROTECTION LEVEL VR6 (BRV 2009).

THE SAFETY PASSENGER CELL IN THE BMW X5 SECURITY PLUS.



BMW's latest protective technology is armour made from moulded high-strength steel components, which is perfectly integrated into the car body of the standard model. The BMW X5 Security Plus is therefore virtually identical to the standard BMW X5 – both inside and out. It goes without saying that all the passive safety features like air bags and seat belts are fully operational in the security models. We take the utmost care when it comes to the overlapping armour on vulnerable sections such as the area around the doors, the joints between car body parts, as well as transitions (such as from the window to the window frame). This model also features a safety fuel tank and undercarriage splinter protection. Comprehensive protection and peace of mind – it doesn't get any better than this.



THE BMW X5 SECURITY PLUS – PROTECTION LEVEL VR6 (BRV 2009).

EXPERIENCE SUPERIOR SAFETY AND EXCEPTIONAL
COMFORT IN THE BMW X5 SECURITY PLUS.

BMW was the first manufacturer to introduce an additional security model capable of withstanding the world's most widespread weapon, the AK-47. The BMW X5 Security Plus meets protection level VR6 (BRV 2009) and provides the best possible mobile protection against armed criminal attacks. It complies with criteria above and beyond the requirements for ballistic certification.

The armour on the BMW X5 Security Plus consists of moulded high-strength steel components, including an armoured dividing wall between the interior and the luggage compartment. It provides protection against attacks with hand guns and AK-47s. The VR6 classification involves ballistics testing with AK-47 ammunition to establish the resilience of the Security Vehicle.

CALIBRE



7.62x39 FeC AK-47





PROTECTIVE EQUIPMENT

THE BMW X5 SECURITY PLUS – PROTECTION LEVEL VR6 (BRV 2009).

THE COMBINATION OF FIRST-CLASS MATERIALS, YEARS OF EXPERIENCE AND THE HIGHEST QUALITY STANDARDS MAKE THE BMW X5 SECURITY PLUS A SUPERLATIVE SECURITY VEHICLE.

Every aspect of the safety concept is designed with great care to ensure the flawless integration of the various safety features. An intercom with additional attack alarm is included as standard, so you can communicate with people outside the vehicle without having to open the windows or doors. The BMW X5 Security Plus comes with runflat tyres, which enable you to continue driving despite a loss of air pressure. Also included as standard are the heated windscreen for great visibility after starting the engine and the sun protection glazing for enhanced privacy for rear passengers.



MULTI-LAYERED SAFETY GLASS The standard safety glass on the BMW X5 Security Plus is featured on all windows. The glass is approximately 3cm thick and consists of a glass/synthetic composite capable of withstanding fire from an AK-47. A polycarbonate coating on the inside of the glazing prevents spill entering the interior for even greater protection.



UNDERCARRIAGE SPLINTER PROTECTION The BMW X5 Security Plus features internal undercarriage splinter protection as standard. The undercarriage armour consists of aramid parts and provides protection against flying fragments caused by the explosion of the DM51 hand grenade.



SAFETY FUEL TANK The safety fuel tank comes standard in the BMW X5 Security Plus and features a special outer shell that seals itself after being shot to prevent further fuel loss.

**MAXIMUM
AGILITY**



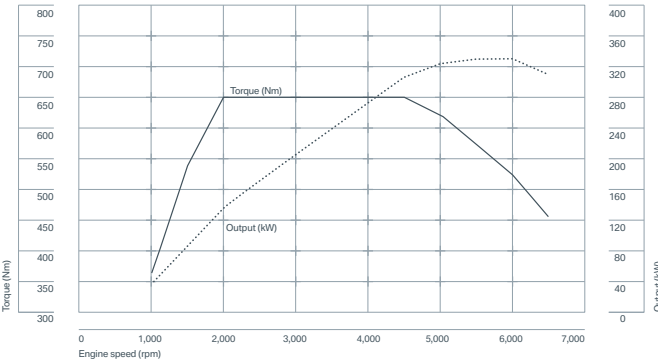


A POWERHOUSE – THE BMW X5 xDRIVE50i.

DRIVE A SECURITY VEHICLE THAT FEELS LIKE A STANDARD MODEL.

The high-performance engine and a suspension adapted to handle the additional weight deliver classic BMW driving dynamics every time you drive. If you have to react quickly, the highly responsive BMW TwinPower Turbo eight-cylinder petrol engine with an output of 330kW (450hp)¹ will get you out of danger in a flash. The BMW X5 xDrive50i combines two turbochargers with Double-VANOS and High Precision Injection, serving up a satisfying maximum torque of 650Nm at engine speeds of between 2,000–4,500rpm. The standard eight-speed Steptronic transmission plays a key role in fuel-efficiency. Its finely tuned gears also increase driving comfort and ensure the V8 engine's optimal power delivery and exceptional acceleration – all of which adds to the breathtaking agility of the BMW X5 Security and the BMW X5 Security Plus.

PERFORMANCE



BMW X5 xDrive50i Powerful and efficient – the BMW X5 xDrive50i with BMW TwinPower Turbo technology.

¹ Further information on fuel consumption and CO₂ emissions can be found on pages 56/57.

SAFETY ON EVERY TERRAIN WITH BMW xDRIVE.

AGILITY ISN'T JUST IMPRESSIVE – IT CAN MAKE ALL THE DIFFERENCE IN AN EMERGENCY.



You'll barely notice the additional weight of the protective equipment on board the BMW X5 Security and the BMW X5 Security Plus. The suspension, brakes and suspension control systems are modified to suit the vehicle's increased unladen weight and help to maintain the kind of dynamic handling you would expect from a BMW SAV (Sports Activity Vehicle). To guarantee the greatest possible comfort as well as maximum dynamics in every driving situation, the BMW X5 Security and BMW X5 Security Plus are fitted with the "Professional" Adaptive suspension package. Dynamic Performance Control and Dynamic Drive make for a particularly sporty drive, as evidenced by the extremely neutral steering response and minimal body roll in bends. Moreover, the intelligent BMW xDrive four-wheel drive system adapts brilliantly to difficult terrain for increased traction and exceptional directional stability in all driving situations. The distribution of drive power to the front and rear axles is automatically and seamlessly adjusted within a fraction of a second. Dynamic Stability Control optimises handling by preventing over- and understeering. The security models even feature the same precise aerodynamics as BMW's standard models – the Air Curtain in the front apron and the Air Breather on the front wheel arches play an important role in increasing efficiency and reducing fuel consumption.



**EXCEPTIONAL
COMFORT**



BMW X5 SECURITY

DON'T COMPROMISE
ON SAFETY.
OR ANYTHING ELSE.

SEATING FOR FIVE PASSENGERS, FRONT SIDE WINDOWS THAT CAN BE LOWERED AND JUST AS MUCH STORAGE SPACE AS THE STANDARD MODEL.

The BMW X5 Security boasts special features such as an armoured luggage compartment and a through-loading system. It is the only Security Vehicle in its class with an armoured luggage compartment, which ensures luggage is optimally protected and can always be easily reached. Enjoy the maximum flexibility of the standard model thanks to the BMW X5 Security's through-loading system with a 40:20:40 split, as well as the optionally available luggage compartment dividing net. There is also a wide range of interior trims and leather upholstery colours to choose from, so you can add your own personal touch to the interior.

PROFESSIONAL REAR-SEAT ENTERTAINMENT.

The optional Professional rear-seat entertainment includes a DVD drive and two separate 9.2" colour screens that can be tilted. It can be used to operate the navigation system or surf the internet while driving (with a mobile phone contract). Features remote control, connections for MP3 players, game consoles and headphones (or wireless headphones).

THROUGH-LOADING SYSTEM 40:20:40.

The rear seat backrests can be folded down in a 40:20:40 split to create more transport options and customised seating and storage configurations. Folding down all the backrests yields an enormous 1,870 litres of storage space. And thanks to the armoured luggage compartment, your belongings will be just as safe as you.

HARMAN KARDON SURROUND SOUND SYSTEM.

The optional Harman Kardon Surround Sound System redefines high-quality audio. The 9-channel digital amplifier with an output of 600 Watt and adjustable equalizing guarantees brilliant sound for pure listening pleasure. The system features 16 precisely balanced surround sound speakers – two central subwoofers, seven mid-range speakers and seven tweeters.

COMFORT SEATS AT THE FRONT.

The optional comfort seats for driver and front passenger feature Active headrests and can be electrically adjusted in various ways. The top part of the backrest, the backrest width, thigh support and headrest height can be individually adjusted. The lumbar support ensures a perfectly ergonomic seating position. It includes a memory function for the driver and front passenger seats, which allows you to save and restore all the seat settings.



PROFESSIONAL REAR-SEAT ENTERTAINMENT for great entertainment on longer trips and internet access for endless information.



THROUGH-LOADING SYSTEM 40:20:40 features an asymmetrically dividable rear seat backrest for a variety of storage options offered by no other Security Vehicle. Luggage is also optimally protected thanks to the luggage compartment armour and a rear window made of multi-layered safety glass.



HARMAN KARDON SURROUND SOUND SYSTEM guarantees brilliant surround sound for all passengers.



EXCLUSIVE INTERIOR DESIGN with a large selection of interior trims and leather upholstery colours.



COMFORT SEATS AT THE FRONT. electrically adjustable, help to reduce muscle tension and fatigue. Shown here in Black Dakota leather.



COCKPIT WITH TYPICAL BMW X5 HIGH SEATING POSITION. for the best possible view and a superior driving sensation. The optional Poplar Grain fine-wood trim adds to the interior's elegant ambience.



AUTOMATIC AIR CONDITIONING WITH 2- OR 4-ZONE CONTROL. ensures a pleasant interior temperature for greater comfort. You can switch between automatic and manual operation. The automatic air conditioning with 4-zone control shown here also features controls in the rear.



FOUR-SEAT OPTION. the BMW X5 Security Plus provides protection for four passengers – with superbly spacious seats.

BMW X5 SECURITY PLUS

THE MOST COMFORTABLE WAY TO ENJOY MAXIMUM SAFETY.

PROTECTION FOR FOUR PASSENGERS.

Behind the rear seat of the BMW X5 Security Plus there is an additional armoured partition wall with a window made from multi-layered safety glass. This protects the passenger cell in the case of an attack, while still ensuring excellent all-round visibility. The side windows can be partially lowered if required and from inside the spacious interior you will hardly notice any difference between the Security Vehicle and the standard model. There are also countless functional equipment options available so you can kit out your BMW X5 Security Plus exactly how you want it. The seats come in Dakota leather and there are various interior trims and a choice of BMW Individual products to accentuate the outstanding comfort of the interior.

COMFORT SEATS AT THE FRONT.

The comfort seats for driver and front passenger include Active headrests and can be electrically adjusted in various ways. The top part of the backrest, the backrest width, thigh support and headrest height can be individually adjusted. The seats also feature lumbar support and a memory function for the driver and front passenger.

AUTOMATIC AIR CONDITIONING, 2-ZONE AND 4-ZONE.

The optional automatic air conditioning with two-zone control has separate air volume and temperature controls for the driver and front passenger. It includes a microfilter, fogging sensors, automatic air recirculation (AAR), the Max Cool button, as well as stationary cooling and the residual heat and SYNC functions. The optional automatic air conditioning with 4-zone control has the same features as the 2-zone automatic air conditioning, including extras such as air vents in the B-pillars. In addition, there is a separate control unit and screen for individual adjustment of the temperature in the rear.

HIFI LOUDSPEAKER SYSTEM.¹

The optional HiFi loudspeaker system features a 205 Watt amplifier and nine loudspeakers ideally positioned throughout the interior, as well as tweeters in the mirror triangles and an additional centre speaker at the front for brilliant sound.

PROFESSIONAL REAR-SEAT ENTERTAINMENT.¹

The optional Professional rear-seat entertainment includes a DVD drive and two separate 9.2" colour screens that can be tilted. It can be used to operate the navigation system or surf the internet while driving (with a mobile phone contract). Features remote control, connections for MP3 players, game consoles and headphones (or wireless headphones).

¹ Not shown here.

BMW CONNECTED DRIVE



BMW CONNECTED DRIVE SERVICES & APPS.

INTELLIGENT BMW CONNECTED DRIVE SERVICES AND ASSISTANCE SYSTEMS PROVIDE PIONEERING TECHNOLOGIES AND NETWORKING OPTIONS THAT MAKE DRIVING MORE CONVENIENT AND PLAY A KEY ROLE IN SAFETY.

With BMW ConnectedDrive services and apps, you can stay seamlessly connected with everything that's important to you and the people you care about. Each and every function is designed to improve your overall driving experience. The ConnectedDrive Services option provides access to an astonishing array of services and apps – such as Facebook, web radio, a dictation function and much, much more. You'll always be up-to-date with BMW Online and you can receive, read and respond to emails from inside your car with BMW Online Office. Service stations, places of interest and country-specific traffic regulations are all displayed as you drive. And once you reach your destination, you'll have no trouble finding the nearest cash machine or car park. There is a large selection of BMW ConnectedDrive services and apps available for the BMW X5 Security and the BMW X5 Security Plus.



CONNECTED DRIVE SERVICES. ConnectedDrive Services forms the basis for a whole range of intelligent information and entertainment services. BMW Online gives you access to current, localised information such as weather, news, as well as an internet search engine and BMW Online Office functions, so you can work on the go. You can receive and send emails using the car's built-in SIM card and access your Outlook address book. You'll also enjoy convenient, secure and unlimited access to smartphone apps such as the BMW Connected app and many other third-party apps like AUPEO! and Audible.



REAL PEACE OF MIND: INTELLIGENT EMERGENCY CALL. In emergency situations the standard intelligent emergency call system automatically establishes a connection to the nearest rescue coordination centre via the BMW call centre¹ – entirely independent of the severity of the accident. The intelligent emergency call can also be activated manually.



ALWAYS PUTS YOU ON THE RIGHT TRACK: CONCIERGE SERVICE. The Concierge Service connects you with a BMW call centre operator at the push of a button. They will search for whatever you're looking for, such as a particular restaurant, the nearest cash machine or where to find an open chemist. Upon request, they'll even send the required information directly to your navigation system. The Concierge Service is only available in conjunction with ConnectedDrive Services.



GET THERE FASTER: REAL TIME TRAFFIC INFORMATION (RTTI). Real Time Traffic Information (RTTI) collects current traffic information on motorways, country roads and in urban areas. It relays information about delays almost instantly and suggests alternative routes. This feature is only available in conjunction with ConnectedDrive Services and the Navigation System Professional.



ALWAYS ONE STEP AHEAD: INTERNET. The internet option gives you web access on the Control Display of your BMW. You can easily enter URLs using the iDrive Controller or select websites from a personalised favourites list for fast access. With the data flat rate for internet use, you can surf the internet directly from your BMW. The Control Display can be used to show online content when travelling at speeds of up to 7 km/h. This option is only available in conjunction with ConnectedDrive Services.

¹ Available in the following countries: Germany, United Kingdom, Italy, France, Austria, USA, Canada and the Middle East.

Note: The BMW ConnectedDrive features shown here are not available in all countries. Please contact your local BMW partner for more information. For further information on BMW ConnectedDrive, particularly on the duration of the services, costs and country-specific availability, please contact your local BMW partner, refer to the price list, or visit www.bmw.com/ConnectedDrive_Information.

BMW CONNECTED DRIVE DRIVER ASSISTANCE.

BMW CONNECTED DRIVE DRIVER ASSISTANCE SYSTEMS MAKE LIFE EASIER FOR THE DRIVER AND MINIMISE THE RISK OF ACCIDENTS.

These assistance systems offer a host of innovative functions for greater safety and convenience, which make every trip even more enjoyable. Stop and go traffic? The Active Cruise Control will help you arrive relaxed at your destination.



DRIVING ASSISTANT PLUS. Driving Assistant Plus includes the Approach Warning and the Lane Departure Warning, as well as the Active Cruise Control with Stop&Go function. With all these features, Driving Assistant Plus makes driving even safer and more convenient. The Active Cruise Control regulates the distance to the vehicle in front and adjusts your speed, bringing the car to a complete stop if necessary. The Approach Control Warning reacts in stages. Depending on whether the vehicle in front brakes suddenly, or a stationary object is detected, the system triggers different responses ranging from a visual warning through to active braking that brings the car to a complete standstill. If the car starts to unintentionally drift out of its lane, the Lane Departure Warning promptly warns the driver by means of a gentle vibration in the steering wheel.



ACTIVE PROTECTION. Active Protection is the BMW ConnectedDrive preventive passenger protection system. If a critical situation arises on the road, the front seat belts are reversibly pretensioned and the electrically adjustable front passenger seat is brought into an upright position. In certain kinds of accidents, the brakes are automatically applied as gently as possible to bring the car to a standstill. This helps to reduce the possibility of a second collision, or even prevent it altogether. Furthermore, the Attentiveness Assistant monitors your behaviour for signs of fatigue. The system analyses your steering response and reacts to irregular driving behaviour by issuing an acoustic signal and a message in the Control Display suggesting you take a break.



PARK ASSISTANT. The Park Assistant performs parallel parking in roadside spaces and should be available from the 2nd quarter of 2014. Suitable parking spaces can be shown and selected via the Control Display. When the driver holds down the button, the system actively helps to park the car by selecting the right gear, steering, accelerating and braking as required.

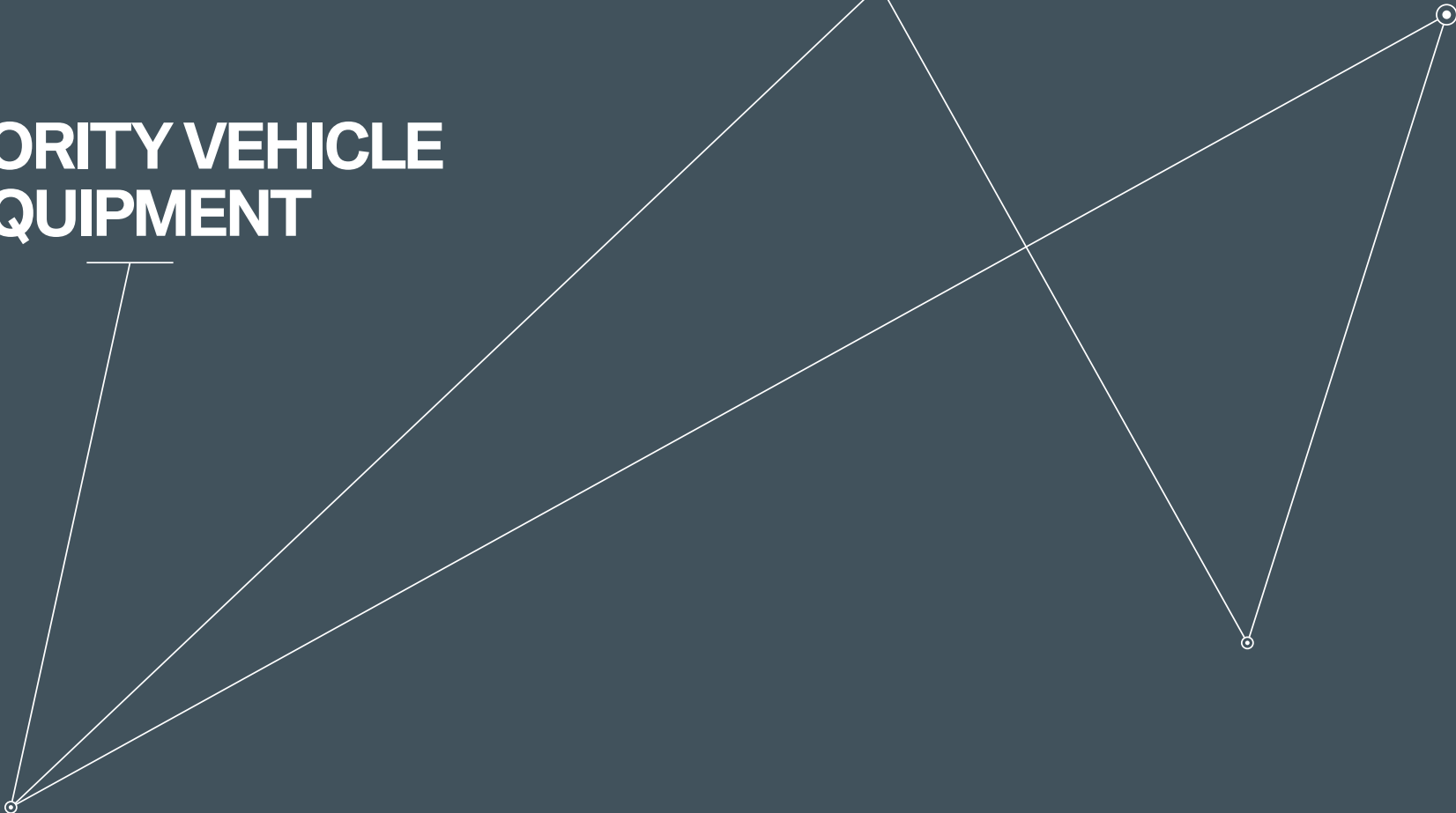


BMW NIGHT VISION. Benefit from seeing people and animals in the dark earlier and avoid dangerous situations. BMW Night Vision with Dynamic Light Spots uses an infrared camera to transmit images of people and animals up to three hundred metres ahead of the car directly onto the Control Display. It can detect people and larger animals at night – even at a significant distance – and illuminates them using two separately controlled Dynamic Light Spots without any unpleasant dazzling effect.

Note: The BMW ConnectedDrive features shown here are not available in all countries. Please contact your local BMW partner for more information. For further information on BMW ConnectedDrive, particularly on the duration of the services, costs and country-specific availability, please contact your local BMW partner or visit www.bmw.com/ConnectedDrive.

¹ Planned availability of the Park Assistant: 2nd quarter of 2014. Date of availability and range of functions subject to change. Please contact your BMW partner for more information.

**AUTHORITY VEHICLE
EQUIPMENT**





SPECIAL EQUIPMENT FOR OFFICIAL USE.

BMW HAS BEEN DEVELOPING EMERGENCY VEHICLES FOR OVER 50 YEARS – IN CLOSE COLLABORATION WITH AUTHORITIES AND GOVERNMENTS ALL OVER THE WORLD.

BMW offers additional equipment for the BMW X5 Security and the BMW X5 Security Plus, making them suitable for official escort duties, representative operations or undercover investigations. BMW has integrated solutions to suit all kinds of requirements. Take for example the optionally available LED rear flashing lights. These additional LED flashing lights are located under the rear window and can be used to alert traffic following behind. They immediately transform a discretely camouflaged Security Vehicle into an emergency vehicle.



LED FRONT FLASHING LIGHTS. Upon request, front flashing lights (LED) can be discretely installed behind or under the BMW kidney grille.* These high-visibility light signals ensure the emergency vehicle is easily recognised by road users up ahead.



FLASHING BEACON FOR THE ROOF. The Movie SL flashing beacon is connected via a cable and can be magnetically mounted on the roof. The beacon is stored in a special bracket on the driver's side, so that it is readily accessible and can be attached to the roof while driving.



FLAG POLE HOLDENS. Governments, embassies and other authorities often require flags for official trips. A side-mounted flag holder is optionally available for the presentation of official flags.

* Only available with special permission in some countries.

**SAFETY
AND SERVICE**



PERFECTLY PREPARED TO REACT IN SERIOUS SITUATIONS.

BMW'S COMPREHENSIVE AND CUSTOMISED SAFETY CONCEPT ENCOMPASSES MORE THAN JUST THE CAR.

BMW offers special driver training for all its security models as part of its comprehensive safety concept. Learn how to expertly manoeuvre the vehicle and practice dealing with dangerous situations, so you can avoid them altogether.

www.bmw-security-vehicles.com



BMW BASIC TRAINING FOR PROFESSIONALS.

Get an even better feel for your car. Basic knowledge about driving dynamics and car handling is taught theoretically and in practice using unarmoured vehicles. During the practical exercises, drivers will improve their ability to perform emergency braking procedures and lane changes, take evasive action, and drive safely at high speed.

BMW SECURITY INTENSIVE TRAINING FOR PROFESSIONALS.

To provide reliable protection for others, you have to be prepared for anything. Throughout this specialised training, experienced BMW instructors will teach you theoretically and in practice how to deal with sudden dangers and obstacles. You'll also learn how to perform difficult manoeuvres at high speeds, such as fast lane changes and emergency turns for quickly escaping dangerous situations – in armoured cars, too.

BMW SECURITY PERFECTION TRAINING FOR PROFESSIONALS.

No matter what happens, you have to be capable of expertly handling your vehicle at all times. During this course, you'll have the opportunity to use BMW Security Vehicles to reinforce the skills learnt in the previous training session and hone sophisticated escape manoeuvres such as the slalom in reverse and the tactical turn in a double formation. Under the guidance of experienced BMW instructors, you'll also take part in night driving exercises and subsequent driving challenges with vehicle contact or escape scenarios while being shot at with paintball guns.

DURATION
1 day + 1 night (Arrival and theory the evening before)
NUMBER OF PARTICIPANTS
max. 8 per group (2 participants per vehicle)
LOCATION
BMW Driving Academy Maisach
VEHICLE
BMW 3 Series, BMW 7 Series
PREREQUISITES
none
SERVICES PROVIDED
Driving dynamics theory, practical driving exercises, 1 night accommodation in a single room with full board, team supervision, insurance

DURATION
2 days + 2 nights (Arrival and theory the evening before)
NUMBER OF PARTICIPANTS
max. 8 per group (2 participants per vehicle)
LOCATION
Driving Center Groß Dölln
VEHICLE
BMW 3 Series, BMW Security Vehicles
PREREQUISITES
none
SERVICES PROVIDED
Driving dynamics theory, practical driving exercises, 2 nights' accommodation in a single room with full board, team supervision, insurance

DURATION
3 days + 3 nights (Arrival and theory the evening before)
NUMBER OF PARTICIPANTS
max. 8 per group (2 participants per vehicle)
LOCATION
Driving Center Groß Dölln
VEHICLE
BMW 3 Series, BMW Security Vehicles
PREREQUISITES
1 x Security Intensive Training for Professionals
SERVICES PROVIDED
Driving dynamics theory, practical driving exercises, 3 nights' accommodation in a single room with full board, team supervision, insurance



BMW SERVICE.

WE GO TO GREAT LENGTHS FOR YOUR SAFETY. AND TO PROVIDE OUTSTANDING SERVICE.

We have over 3,300 service partners in 150 countries ready to service your BMW. Repairs of the specialised safety features are carried out by our experts at selected service points. Naturally, BMW's original quality guarantee applies to Security Vehicles as well. Our worldwide logistics network ensures replacement parts can be quickly and easily sourced for the BMW X5 Security and BMW X5 Security Plus.

There are many different BMW Service Inclusive packages to choose from and you can determine which services you require in advance. The fixed price covers all selected services for the agreed duration or mileage – regardless of how many times you use them. Contact your local BMW partner for more detailed information. At BMW, safety also means service you can rely on.

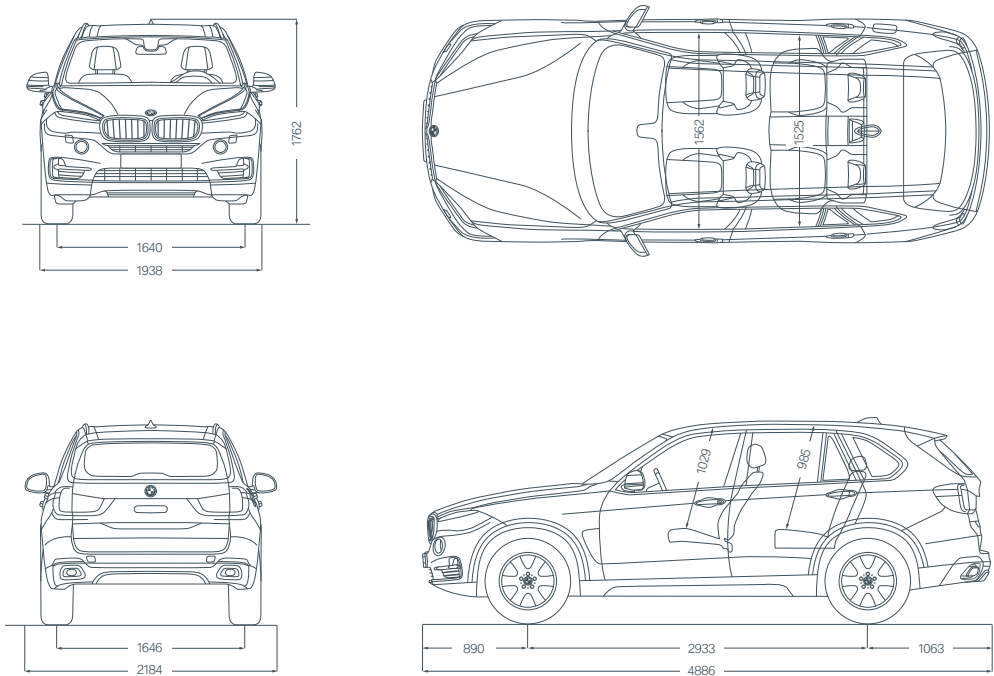
www.bmw.com/ServiceInclusive

TECHNICAL DATA.

THE FOLLOWING COMPULSORY EQUIPMENT COMES STANDARD WITH THE BMW X5 SECURITY AND THE BMW X5 SECURITY PLUS:

The “Professional” Adaptive suspension package, an alarm system, runflat tyres, wheel bolt locks and the tyre pressure monitor. These models come with a transport protection package, hot climate air conditioning system, spare wheel and special equipment features. The anti-theft system can only be activated/deactivated using either the remote control or the doors (cross-over not possible). Also mandatory are the sun protection glazing, black roof railing and omission of the model logo.

BMW X5 SECURITY		BMW X5 SECURITY PLUS	
WEIGHT			
Unladen DIN	kg	2680	2980
Unladen EU ¹	kg	2755	3055
Max. permissible weight	kg	3260	3440
Permitted load	kg	580	460
ENGINE ^{2, 3}			
Cylinders/valves		8/4	8/4
Capacity	cc ³	4395	4395
Output/engine speed	kW (hp) /rpm	330 (450) / 5500–6000	330 (450) / 5500–6000
Max. torque/engine speed	Nm /rpm	650 / 2000–4500	650 / 2000–4500
PERFORMANCE			
Top speed ⁴	km/h	210	190
Acceleration 0–100 km/h	s	5.8	6.3
FUEL CONSUMPTION			
Urban	l/100 km	15.5	15.7
Extra-urban	l/100 km	9.1	9.2
Combined	l/100 km	11.4	11.5
CO ₂ emissions	g/km	267	270
Tank capacity approx.	l	85	85
WHEELS			
Tyre dimensions		255/50 R19 W	255/50 R19 W
Wheel dimensions		9 J x 19	9 J x 19
Material		light alloy	light alloy



¹ The figure quoted includes a 90% full tank, 68kg for the driver and 7kg for luggage. Unladen weight applies to vehicles with standard equipment. Optional equipment will increase this figure.
² BMW recommends the use of RON 95 super unleaded petrol. Unleaded fuels 91 RON and higher with a maximum ethanol content of 10% (E10) may also be used. Output and fuel consumption figures apply to RON 98 fuel.
³ The BMW X5 Security and the BMW X5 Security Plus comply with the EU 6 emissions standard. Fuel consumption figures are determined according to the ECE driving cycle, which consists of

approximately one-third urban traffic and two-thirds extra-urban driving (based on the distance covered). CO₂ emissions are measured in addition to fuel consumption. The fuel consumption figures are based on models with standard equipment. Optional equipment may increase these figures. Fuel consumption and CO₂ emission levels are affected by the selected wheel and tyre sizes. Please consult the price list for more detailed information.
⁴ Electronically limited.

CUSTOMISED PROTECTION FOR EVERY DANGEROUS SITUATION.

FINDING THE RIGHT LEVEL OF SAFETY DEPENDS ON THE DRIVER'S INDIVIDUAL CIRCUMSTANCES – FROM THEIR LOCATION AND THE CHALLENGES IT PRESENTS, TO THE DEGREE OF PUBLIC AWARENESS.

BMW is the only car manufacturer that divides its range of Security Vehicles into three different protection categories – all built on the experience and expertise of more than 30 years developing Security Vehicles. BMW offers a comprehensive and mobile security concept, which is available all over the world. So you'll always enjoy optimal protection that precisely meets your individual requirements.



BMW X5 SECURITY The BMW X5 Security meets protection level VR4 (BRV 2009) and provides ideal protection against street crime with blunt instruments and hand guns up to a .44 calibre Magnum.



BMW X5 SECURITY PLUS The BMW X5 Security Plus meets protection level VR6 (BRV 2009) and provides additional protection against the world's most widespread firearm, the AK-47.



BMW 7 SERIES HIGH SECURITY The BMW 7 Series High Security provides additional protection against attacks using armour-piercing munition and explosives. The entire vehicle meets protection level VR7 (BRV 2009). The non-transparent area, and many components of the transparent area as installed, also meet the requirements of the VR9 protection level (BRV 2009).

BMW Security
Vehicles

www.bmw-security-vehicles.com



Sheer
Driving Pleasure



The models illustrated in this brochure show the specifications of vehicles produced by BMW AG for the German market. In part, they include optional equipment and accessories not fitted as standard. According to the specific requirements of the markets of other European Union member states, alterations in models, standard and optional equipment, as described in this brochure, may occur. For more precise information about country-specific vehicle versions, please contact your local BMW partner. Subject to change in design and equipment.
© BMW AG, Munich/Germany. Not to be reproduced wholly or in part without written permission of BMW AG, Munich.

BMW recommends  **EDGE**



MIX
Paper from
responsible sources
FSC® C018312