

ConnectedDrive Fact Sheet.



BMW ConnectedDrive focuses on the link between the driver, vehicle and outside world through the use of an expanding range of assistance systems, as well as infotainment and entertainment features. BMW ConnectedDrive Driver Assistance systems include navigation and traffic assistance and concierge services, creating a safe and enjoyable driving experience.

ConnectedDrive Services and Apps

ConnectedDrive offers a wide range of intelligent services and apps that provide drivers with information and entertainment during a ride.

- **Apps for Automotive** – Apps for Automotive technology by BMW enables the driver to use smartphone applications comfortably and safely while operating a vehicle. The apps provide the option to create an individualized, safe driving experience through a range of infotainment and entertainment options.
 - **Vehicle Apps**
 - BMW Connected App: WebRadio, TTS, FB/Twitter
 - MyBMW Remote: BMW from you Smartphone
 - **Smartphone Apps**
 - Pandora: Create your own station
 - Rhapsody: Subscription based music
 - Amazon Cloud Player: Subscription based music
 - Aupeo: Personalized Radio
 - TuneIn: Global Radio Stations
 - Audible: Audio Books
 - Stitcher: Customized news
 - Glyimpse: Location sharing
 - M Lap timer: Performance driving data acquisition and analysis
- **Real Time Traffic Information (RTTI)** – Real Time Traffic Information allows drivers to be aware of traffic situations as they develop on highways, country roads and in urban areas. The system calculates expected delays and can recommend detours, keeping drivers informed of the traffic situation at all times allowing for a safer and more enjoyable driving experience.
- **Concierge Services** – BMW Concierge Services provide practical information and advice to make every journey and every stay more comfortable at home and abroad.
- **Intelligent Emergency Call** – Intelligent Emergency Call automatically manages assistance in an emergency. If an airbag is deployed, Intelligent Emergency Call automatically contacts the BMW Call Center via an accident-proof telephone unit permanently installed in the vehicle – independently of the driver's mobile phone.
- **Remote Services** – Remote Services allow drivers to control their BMW from afar, using a smartphone as a remote control. Using an iPhone or Android device, drivers can lock and unlock a vehicle, flash the headlights, sound the horn and control the vehicle's temperature.

- **Internet Service** – Internet Service enables drivers to access the World Wide Web safely and conveniently by iDrive Controller and the integrated high-resolution Control Display.
- **BMW TeleServices** – BMW TeleServices registers automatically when service is required and manages all relevant service data.

BMW ConnectedDriver Assistance

- **Intelligent Parking**
Intelligent Parking services assist in every parking situation making parking easier and faster.
 - **Rear View Camera** – A wide-angle lens depicts every obstacle in fine detail on the Control Display. Interactive lane lines indicate whether the parking space is large enough for the vehicle and make the actual parking operation easier.
 - **Parking Assistant** – The Parking Assistant eases the act of parking. The program can search for a suitable parking space and then guides the vehicle's steering, accelerator and brakes to ease the parking experience.
 - **Surround View** – Using a combination of cameras, Surround View gives the driver a 270-degree all-round panorama view, improving vision, particularly when driving in and out of difficult entrances or parking in tight spaces, and providing the ability to see approaching traffic.
 - **Park Distance Control** – Park Distance Control (PDC) uses ultrasound to measure the distance of obstacles, provides an acoustic warning and shows the distance of obstacles on the Control Display.
- **Intelligent Driving**
Intelligent Driving services offer a more relaxed and safer driving experience.
 - **Active Cruise Control with Stop & Go** – Active Cruise Control with Stop & Go including radar-based approach control warning with Brake Activation provides the driver support in navigating stop and go traffic. Radar sensors permanently scan the road, adapting speeds and maintaining distance from the vehicle ahead providing a safe and enjoyable driving experience.
 - **Active Protection** – Active Protection initiates safety measures such as tightening seat belts, placing seats upright and closing windows. If an accident occurs, automatic braking can bring the vehicle to a standstill, helping to prevent additional collisions. The Attentiveness assistant also recommends breaks when there are any symptoms of fatigue.
 - **Lane Departure Warning** – The Lane Departure Warning, including camera-based Collision Warning, registers lane markings at a distance of 50 meters and beyond a speed of roughly 70 km/h. If a driver moves over the lane markings without activating blinkers, the camera-based system gently vibrates the steering wheel.
 - **Lane Change Warning** – When a vehicle is approaching at high speed from behind or is located in a driver's blind spot, the Lane Change Warning helps to appraise the situation

correctly. Radar sensors let the driver know it is safe to change lanes.

- **Intelligent Vision**

Intelligent Vision services assist in unclear driving situations and provide the best possible visibility at night.

- **Side View** – Side View uses cameras to allow drivers the ability to view blind spots or exits while the line of sight is obstructed. Two cameras built into the front wheel arches enable drivers to observe crossing traffic allowing the driver to be aware of his surroundings.
- **BMW Head Up Display** – The Head-Up Display projects data including current speed, collision warnings and speed limit information directly into the driver's line of sight.
- **Speed Limit Info incl. no-overtaking indicator** – The Speed Limit Info incl. no-overtaking indicator shows current speed restrictions as well as any details of overtaking bans that may apply in your instrument panel or in the Head-Up Display.
- **BMW Night Vision** – BMW Night Vision with dynamic light spot increases a driver's awareness of hazardous situations while driving at night. A thermal imaging camera detects pedestrians or animals in the dark and displays them directly on the Control Display.
 - **The High-Beam Assistant** automatically takes care of raising and dipping the beam when driving in the dark. Depending on the visibility, the system decides when the headlights should be switched to high-beam.

BMW i ConnectedDrive

BMW i ConnectedDrive Services connect drivers with their electric vehicles providing the ability to monitor the vehicle's charge, plan a trip and drive more efficiently.

- **BMW i ConnectedDrive services for navigation** – BMW i ConnectedDrive services for navigation offer information to make electric driving easier and more convenient with a dynamic range map which considers battery charge, driving style, topography and traffic conditions, to help reach the intended destination.
- **BMW i Remote App** – The BMW i Remote App allows drivers to control and retrieve status of BMW i vehicles from afar. The app shows information including the vehicle's location, range, battery level and service messages, and can provide information about unlocked doors and lights that have been left on, as well as initiate the charging process remotely if the vehicle is connected to the charging station. The app can also provide tips on how to drive the car more efficiently and how the range can be extended.

Connectivity Technologies

- **Integrated SIM Card** – Using the permanently installed SIM card, drivers can use innovative BMW ConnectedDrive functions such as BMW TeleServices, Concierge Services, Internet, Remote Services and Real Time Traffic Information with ease.

- **Navigation System Professional** - The Navigation system Professional excels with its quick start function, lightning-fast route calculation, individual tips on reducing consumption and 3-D map.
 - The **iDrive Touch Controller** allows a driver to operate a BMW's iDrive navigation system comfortably and safely.

BMW Assist

BMW Assist uses advanced technology to bring the focused attention of a response specialist whenever needed. Combining an integrated wireless phone for communication and a GPS satellite receiver to determine a vehicle's location, the BMW Assist system conveniently helps to deliver both occupant security and peace of mind.