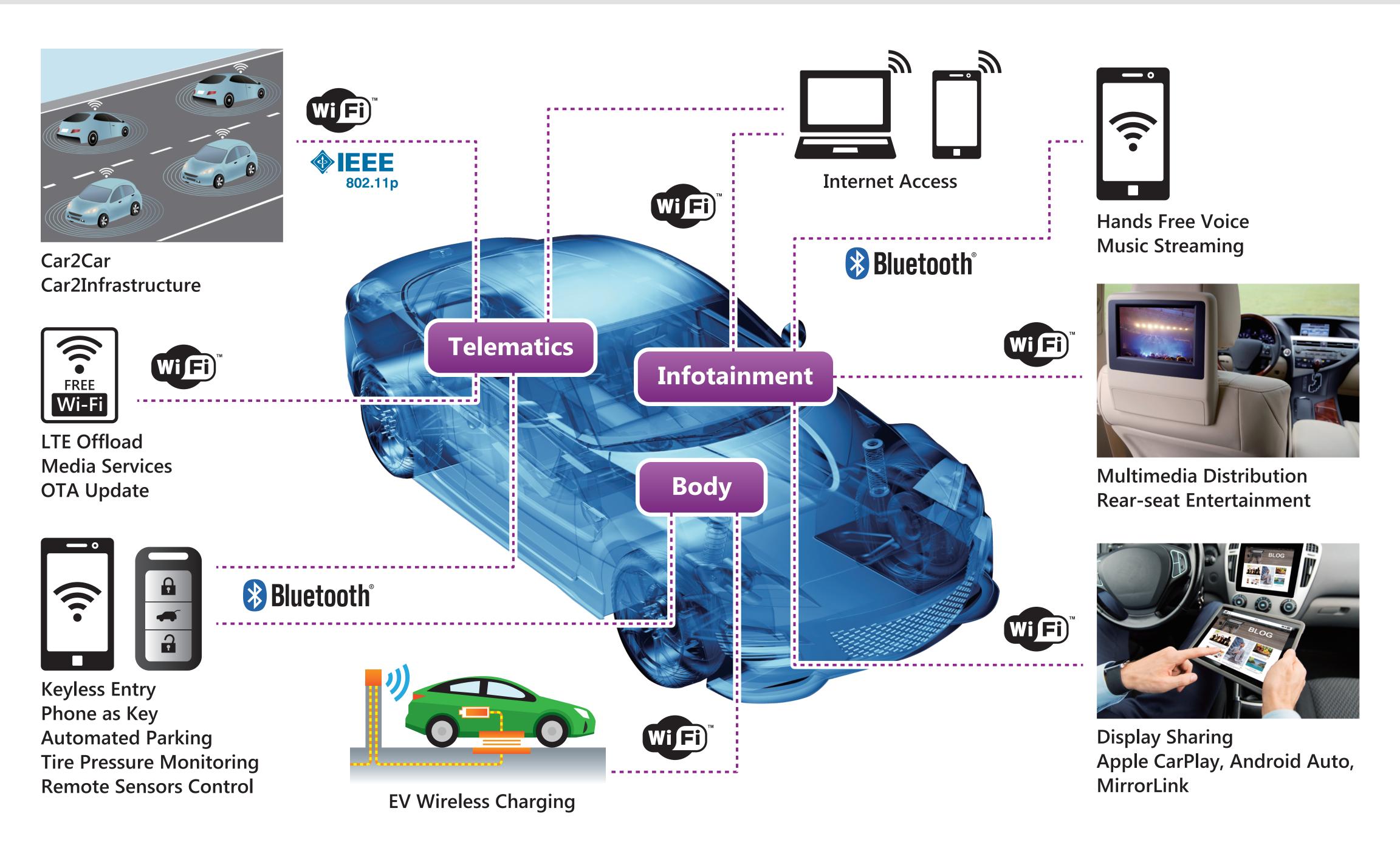
# Connectivity



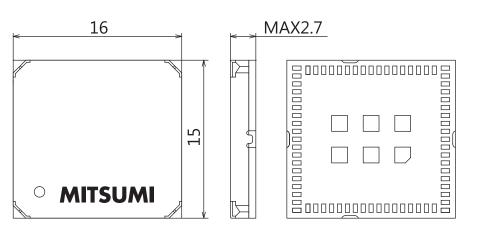






## **DWM-W145**

#### DIMENSIONS



#### **FEATURE**

- Supports very high throughput wireless LAN standards IEEE802.11ac/a/b/g/n (2.4 GHz/5 GHz). Theoretical throughput for 2×2 MIMO
- : 866 Mbps 2 Supports Bluetooth® 4.2 (BLE)
- 3 Small size, low width
- 4 Mounting Type: SMD type

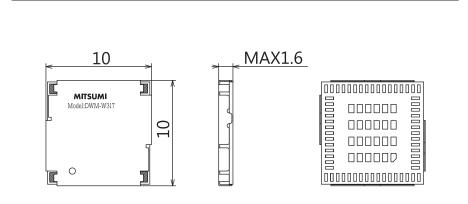
#### **SPCIFICATION**

ITEM			SPECIFICATION
	Carrier Frequency		2.412GHz to 2.472GHz
W-LAN	Number of Channel		13ch
	Modulation		DSSS/OFDM
	Data Rate		DSSS: 1M/2M/5.5M/11Mbps
			OFDM: 6M/9M/12M/8M/ 24M/36M/48M/54Mbps
			MCS0-8(HT20 MIMO):14.4M to 173.4Mbps
			MCS0-9(HT40 MIMO):30.0M to 400.0Mbps
	Carrier Frequency		5.180G to 5.8250GHz
	Number of Channel		U.S.A.: 21ch/Europe: 19ch/ Japan: 19ch
	Modulation		OFDM
	Data Rate		OFDM: 6M/9M/12M/18M/ 24M/36M/48M/54Mbps
			MCS0-8(HT20 MIMO):14.4M to 173.4Mbps
			MCS0-9(HT40 MIMO):30.0M to 400.0Mbps
			MCS0-9(HT80 MIMO):65.0M to 866.6Mbps
	Host Interface		PCIe v3.0
Bluetooth	Carrier Frequency		2.402G to 2.480GHz
	Power Class		Class 2
	Hopping		1600hops/sec
	Modulation		GFSK/PI/4-DQPSK/8DPSK
	Data Rate		GFSK: 1Mbps
			PI/4-DQPSK: 2Mbps
			8DPSK: 3Mbps
	Host Interface		UART/PCM/I <sup>2</sup> S
Environmental Condition	Operating Condition	Temperature	-40 to +85°C
		Humidity	20 to 85%(None dew)

\* Specifications subject to change without notice for improvements

#### **DWM-W317**

### **DIMENSIONS**



#### **FEATURE**

- Supports very high throughput wireless LAN standards IEEE802.11ac/a/b/g/n (2.4 GHz/5 GHz). Theoretical throughput for single spatial
- stream: 433 Mbps
- 2 Supports Bluetooth® 4.1 (BLE) 3 Small size, low width
- 4 Mounting Type: SMD type

## SPCIFICATION

	ITEM		SPECIFICATION
W-LAN	Carrier Frequency		2.412GHz to 2.472GHz
	Number of Channel		13ch
	Modulation		DSSS/OFDM
	Data Rate		DSSS: 1M/2M/5.5M/11Mbps
			OFDM: 6M/9M/12M/8M/ 24M/36M/48M/54Mbps
			MCS0-8(HT20):7.2M to 86.7Mbps
			MCS0-9(HT40):15.0M to 200.0Mbps
	Carrier Frequency		5.180G to 5.8250GHz
	Number of Channel		U.S.A.: 21ch/Europe: 19ch/ Japan: 19ch
	Modulation		OFDM
	Data Rate		OFDM: 6M/9M/12M/18M/ 24M/36M/48M/54Mbps
			MCS0-8(HT20):7.2M to 86.7Mbps
			MCS0-9(HT40):15.0M to 200.0Mbps
			MCS0-9(HT80):32.5M to 433.3Mbps
	Host Interface		SDIO v3.0
Bluetooth	Carrier Frequency		2.402G to 2.480GHz
	Power Class		Class 1 or Class 2
	Hopping		1600hops/sec
	Modulation		GFSK/PI/4-DQPSK/8DPSK
	Data Rate		GFSK: 1Mbps
			PI/4-DQPSK: 2Mbps
			8DPSK: 3Mbps
	Host Interface		UART/PCM
Environmental Condition	Operating Condition	Temperature	-40 to +85°C
		Humidity	20 to 85%(None dew)

\* Specifications subject to change without notice for improvements

Automotive technology applications continue to evolve beyond propulsion and control. Mitsumi products enable simple integration of wireless connectivity in key parts of the vehicle Allowing the car maker to deliver the features that today's consumer wants.

- All brand names, logos, product names, trade names and service names described here are trademarks or registered trademarks of their respective companies or organizations.
- Any products mentioned in this catalog are subject to any modification in their appearance and others for improvements without prior notification.
- The details listed here are not a guarantee of the individual products at the time of ordering. When using the products, you will be asked to check their specifications.