



KitchenEssentials™

WiFi Communication Bezel

AND BLUETOOTH

Food service operators (FSOs) are constantly under pressure to deliver in a lot of noisy environments. Kitchen Brains® Wireless Communications Bezel now offers FSOs the ability to network controls in the kitchen.

Specifications

Kitchen Brains OPENLINK WiFi + Bluetooth Bezel

- **Part Number:** 231-60213-01, -05
- **Voltage:** 24 volts, 50/60 Hz,
- **Current Maximum Draw:** 0.5 Amps

Range

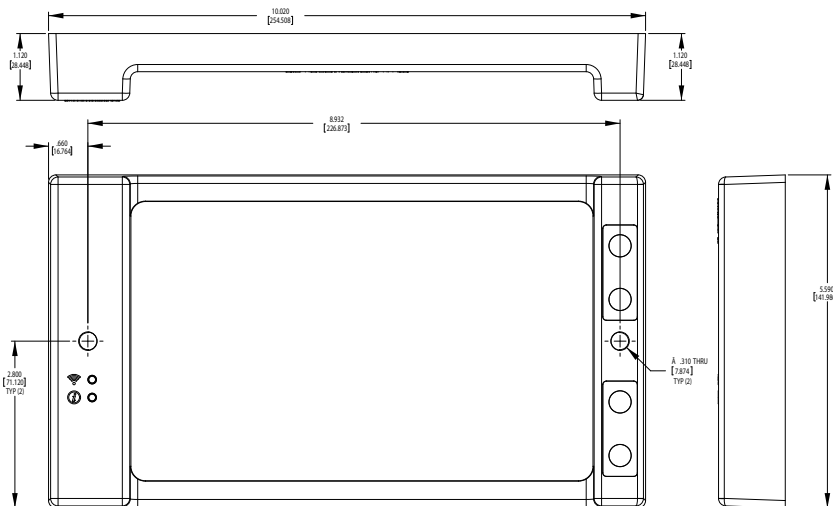
- Indoor RF line of sight range less than 200 feet typical

Frequency

- 2400 – 2483.5 MHz (2.4 GHz ISM band)
- IEEE 802.11 b/g/n Wi-Fi + Bluetooth



Shown with optional VC-210 Control



10.020" (254.508 mm) W × 5.590" (141.986 mm) H
Mounting: 2 × Ø.310" through-holes

Order Info

Part Number	Description
231-60213-01, -05	WiFi + Bluetooth BEZEL for VC-210

Contact your dealer, sales representative or the factory for ordering information.

KitchenBrains®

Commercial Kitchen Intelligence

www.KitchenBrains.com | 800.243.9271

CE FCC ID: MCQ-XBS2C

Radio Certifications & Regulatory Compliance

Country / Region	Certification Details
United States <i>FCC</i>	• FCC ID: Z64-WL18SBMOD • 47 CFR Part 15.247 (2.4 GHz), Part 15.407 (5 GHz U-NII), Part 15.209 (spurious emissions), Part 2.1093 (RF exposure) • 15C Frequency Ranges: 2402.0–2480.0 MHz @ 0.01 W; 2412.0–2462.0 MHz @ 0.2438 W; 2422.0–2452.0 MHz @ 0.1052 W
Canada <i>ISED</i>	• RSS-247 (2.4 / 5 GHz license-exempt), RSS-102 (RF exposure), RSS-Gen, ICES-003
European Union / EEA <i>CE – RED 2014/53/EU</i>	• EU Type Certificate No (KB product): T818163E-03-TEC • Radio Module TI EC DoC Ref: T818163E-01-TEC (WL18MODGB single-band) • Notified Body: CTC advanced (NB #0682) • Directives: RED 2014/53/EU; RoHS2 2011/65/EU; EMC 2014/30/EU • Safety: EN 62368-1:2014 + A11:2017; EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + A2:2013 • Health / RF Exposure: EN 62311:2008 • EMC: EN 301 489-1 V2.2.3, EN 301 489-1 V2.1.1, EN 301 489-17 V3.1.1 • Radio Spectrum: EN 300 328 V2.2.2; EN 300 328 v2.1.1 • RoHS: EN 50581:2012
United Kingdom <i>Ofcom</i>	• CE marking accepted under IR 2030; UK designated standards mirror EN 300 328 / EN 301 489
Switzerland <i>BAKOM / OFCOM</i>	• CE marking accepted under RIR1008 referencing EN 300 328, EN 301 489
Japan <i>MIC / TELEC</i>	• Radio Equipment Certification No: 132-15370/AA/08 • ARIB STD-T66 (2.4 GHz), Radio Law Article 38-2-2 – Giteki mark
Mexico <i>IFT</i>	• Certificado de Homologación No: RCPTEWL19-2186
China <i>MIIT / SRRC</i>	• CMIIT ID: 2021DJ1115 • Radio Transmission Equipment approval • Frequency Range: 2400 – 2483.5 MHz

Radio Certified Countries and Specifications

Country / Region	Authority	Applicable Radio Specification(s)
United States	FCC	47 CFR Part 15.247 (2.4 GHz), Part 15.407 (5 GHz U-NII), Part 15.209, Part 2.1093 (RF exposure)
Canada	ISED	RSS-247 (2.4/5 GHz), RSS-102 (RF exposure), RSS-Gen, ICES-003
Brazil	ANATEL	Resolução 680/2017, Ato 14448/2017, Resolução 715/2019 (SAR) – grant expired 2021, TI renewal required
Austria	RTR / BMF	EN 300 328 (2.4 GHz), EN 301 893 (5 GHz), EN 301 489-1/-17 (EMC), EN 62311 (RF exposure), EN 62368-1 (safety) – harmonized under RED 2014/53/EU
Belgium	BIPT	EN 300 328 (2.4 GHz), EN 301 893 (5 GHz), EN 301 489-1/-17 (EMC), EN 62311 (RF exposure), EN 62368-1 (safety) – harmonized under RED 2014/53/EU
Bulgaria	CRC	EN 300 328 (2.4 GHz), EN 301 893 (5 GHz), EN 301 489-1/-17 (EMC), EN 62311 (RF exposure), EN 62368-1 (safety) – harmonized under RED 2014/53/EU
Croatia	HAKOM	EN 300 328 (2.4 GHz), EN 301 893 (5 GHz), EN 301 489-1/-17 (EMC), EN 62311 (RF exposure), EN 62368-1 (safety) – harmonized under RED 2014/53/EU
Cyprus	OCECPR	EN 300 328 (2.4 GHz), EN 301 893 (5 GHz), EN 301 489-1/-17 (EMC), EN 62311 (RF exposure), EN 62368-1 (safety) – harmonized under RED 2014/53/EU
Czech Republic	ČTÚ	EN 300 328 (2.4 GHz), EN 301 893 (5 GHz), EN 301 489-1/-17 (EMC), EN 62311 (RF exposure), EN 62368-1 (safety) – harmonized under RED 2014/53/EU
Denmark	ENS	EN 300 328 (2.4 GHz), EN 301 893 (5 GHz), EN 301 489-1/-17 (EMC), EN 62311 (RF exposure), EN 62368-1 (safety) – harmonized under RED 2014/53/EU
Estonia	TTJA	EN 300 328 (2.4 GHz), EN 301 893 (5 GHz), EN 301 489-1/-17 (EMC), EN 62311 (RF exposure), EN 62368-1 (safety) – harmonized under RED 2014/53/EU
Finland	Traficom	EN 300 328 (2.4 GHz), EN 301 893 (5 GHz), EN 301 489-1/-17 (EMC), EN 62311 (RF exposure), EN 62368-1 (safety) – harmonized under RED 2014/53/EU
France	ARCEP / ANFR	EN 300 328 (2.4 GHz), EN 301 893 (5 GHz), EN 301 489-1/-17 (EMC), EN 62311 (RF exposure), EN 62368-1 (safety) – harmonized under RED 2014/53/EU
Germany	BNetzA	EN 300 328 (2.4 GHz), EN 301 893 (5 GHz), EN 301 489-1/-17 (EMC), EN 62311 (RF exposure), EN 62368-1 (safety) – harmonized under RED 2014/53/EU
Greece	EETT	EN 300 328 (2.4 GHz), EN 301 893 (5 GHz), EN 301 489-1/-17 (EMC), EN 62311 (RF exposure), EN 62368-1 (safety) – harmonized under RED 2014/53/EU
Hungary	NMHH	EN 300 328 (2.4 GHz), EN 301 893 (5 GHz), EN 301 489-1/-17 (EMC), EN 62311 (RF exposure), EN 62368-1 (safety) – harmonized under RED 2014/53/EU
Ireland	ComReg	EN 300 328 (2.4 GHz), EN 301 893 (5 GHz), EN 301 489-1/-17 (EMC), EN 62311 (RF exposure), EN 62368-1 (safety) – harmonized under RED 2014/53/EU
Italy	MIMIT / AGCOM	EN 300 328 (2.4 GHz), EN 301 893 (5 GHz), EN 301 489-1/-17 (EMC), EN 62311 (RF exposure), EN 62368-1 (safety) – harmonized under RED 2014/53/EU
Latvia	SPRK	EN 300 328 (2.4 GHz), EN 301 893 (5 GHz), EN 301 489-1/-17 (EMC), EN 62311 (RF exposure), EN 62368-1 (safety) – harmonized under RED 2014/53/EU
Lithuania	RRT	EN 300 328 (2.4 GHz), EN 301 893 (5 GHz), EN 301 489-1/-17 (EMC), EN 62311 (RF exposure), EN 62368-1 (safety) – harmonized under RED 2014/53/EU
Luxembourg	ILR	EN 300 328 (2.4 GHz), EN 301 893 (5 GHz), EN 301 489-1/-17 (EMC), EN 62311 (RF exposure), EN 62368-1 (safety) – harmonized under RED 2014/53/EU
Malta	MCA	EN 300 328 (2.4 GHz), EN 301 893 (5 GHz), EN 301 489-1/-17 (EMC), EN 62311 (RF exposure), EN 62368-1 (safety) – harmonized under RED 2014/53/EU

Radio Certified Countries and Specifications *continued*

Country / Region	Authority	Applicable Radio Specification(s)
Netherlands	RDI	EN 300 328 (2.4 GHz), EN 301 893 (5 GHz), EN 301 489-1/-17 (EMC), EN 62311 (RF exposure), EN 62368-1 (safety) — harmonized under RED 2014/53/EU
Poland	UKE	EN 300 328 (2.4 GHz), EN 301 893 (5 GHz), EN 301 489-1/-17 (EMC), EN 62311 (RF exposure), EN 62368-1 (safety) — harmonized under RED 2014/53/EU
Portugal	ANACOM	EN 300 328 (2.4 GHz), EN 301 893 (5 GHz), EN 301 489-1/-17 (EMC), EN 62311 (RF exposure), EN 62368-1 (safety) — harmonized under RED 2014/53/EU
Romania	ANCOM	EN 300 328 (2.4 GHz), EN 301 893 (5 GHz), EN 301 489-1/-17 (EMC), EN 62311 (RF exposure), EN 62368-1 (safety) — harmonized under RED 2014/53/EU
Slovakia	RÚ	EN 300 328 (2.4 GHz), EN 301 893 (5 GHz), EN 301 489-1/-17 (EMC), EN 62311 (RF exposure), EN 62368-1 (safety) — harmonized under RED 2014/53/EU
Slovenia	AKOS	EN 300 328 (2.4 GHz), EN 301 893 (5 GHz), EN 301 489-1/-17 (EMC), EN 62311 (RF exposure), EN 62368-1 (safety) — harmonized under RED 2014/53/EU
Spain	SETID	EN 300 328 (2.4 GHz), EN 301 893 (5 GHz), EN 301 489-1/-17 (EMC), EN 62311 (RF exposure), EN 62368-1 (safety) — harmonized under RED 2014/53/EU
Sweden	PTS	EN 300 328 (2.4 GHz), EN 301 893 (5 GHz), EN 301 489-1/-17 (EMC), EN 62311 (RF exposure), EN 62368-1 (safety) — harmonized under RED 2014/53/EU
Iceland	PFS	EN 300 328 (2.4 GHz), EN 301 893 (5 GHz), EN 301 489-1/-17 (EMC), EN 62311 (RF exposure), EN 62368-1 (safety) — harmonized under RED 2014/53/EU — accepted via EEA
Liechtenstein	AK	EN 300 328 (2.4 GHz), EN 301 893 (5 GHz), EN 301 489-1/-17 (EMC), EN 62311 (RF exposure), EN 62368-1 (safety) — harmonized under RED 2014/53/EU — accepted via EEA
Norway	Nkom	EN 300 328 (2.4 GHz), EN 301 893 (5 GHz), EN 301 489-1/-17 (EMC), EN 62311 (RF exposure), EN 62368-1 (safety) — harmonized under RED 2014/53/EU — accepted via EEA
Switzerland	BAKOM / OFCOM	RIR1008 referencing EN 300 328, EN 301 893, EN 301 489
United Kingdom	Ofcom	IR 2030 + UK designated standards mirroring EN 300 328 / EN 301 893 / EN 301 489
Japan	MIC / TELEC	Radio Law Article 38-2-2, ARIB STD-T66 (2.4 GHz), ARIB STD-T71 (5 GHz) — Giteki mark
Taiwan	NCC	LP0002 Low Power RF Devices — 2.4 GHz and 5 GHz sections; WL1807MOD only

Supporting Documentation — Radio Module EC Declarations of Conformity

Module Family	Marketing	Test Grade	Model Number	EC DoC Ref No.
WL18MODGI	WL18x7MOD WiLink™ 8 Dual-Band Industrial Module — Wi-Fi, Bluetooth, BLE	37	WL1837MODGIMOC	T818167E-01-TEC
WL18MODGB	WL18xxMOD WiLink™ 8 Single-Band Combo Module — Wi-Fi, Bluetooth, BLE	01	WL1801MODGBMOC	T818163E-01-TEC
WL18MODGB	WL18xxMOD WiLink™ 8 Single-Band Combo Module — Wi-Fi, Bluetooth, BLE	05	WL1805MODGBMOC	T818163E-01-TEC
WL18MODGB	WL18xxMOD WiLink™ 8 Single-Band Combo Module — Wi-Fi, Bluetooth, BLE	31	WL1831MODGBMOC	T818163E-01-TEC
WL18MODGB	WL18xxMOD WiLink™ 8 Single-Band Combo Module — Wi-Fi, Bluetooth, BLE	35	WL1835MODGBMOC	T818163E-01-TEC

Radio Harmonized Standards and Technical Specifications Applied

Standard	Version	Description
EN 301 489-1	V2.1.1	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements — Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU and the essential requirements of article 6 of Directive 2014/30/EU.
EN 301 489-17	V3.1.1	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for Broadband Data Transmission Systems — Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU.
EN 300 328	v2.1.1	Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques — Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU.
EN 301 893	v2.1.1	5 GHz RLAN — Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU. (Applies to WL18MODGI dual-band variants only.)
EN 62311	:2008	Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz – 300 GHz).
EN 60950-1	:2006 + A11:2009 + A1:2010 + A12:2011 + A2:2013	Information technology equipment – Safety – Part 1: General requirements.
EN 50581	:2012	Technical documentation for the assessment of electrical and electronic products with respect to the restrictions of hazardous substances (RoHS).

Patents

The products manufactured by Kitchen Brains are protected under one or more of the following U.S. Patents:

- 5,331,575
- 5,539,671
- 5,711,606
- 5,723,846
- 5,726,424
- 5,875,430
- 6,142,666
- 6,339,930
- 6,401,467
- 6,581,391
- 7,015,433
- 7,650,833
- 7,877,291
- 8,060,408

Plus foreign patents and patents pending. Plus licensed patent 5,973,297.

