





- 2.0 Mp resolution
- Wire-Free solution
- Human detection support
- Built-in powerful battery. Charge fast, last months.
- Fast wake-up from sleep mode
- Outdoor/Indoor weatherproof with IP65 rating
- SD card support
- Built-in microphone and speaker
- IR LED
- Corner mounting
- Partizan mobile app support

Your manual is here: http://manuals.partizan.global



Partizan software: http://apps.partizan.global



Battery Doorbell		
Model		MBD-100
Version		-
SKU		1704
Image Sensor		
Sensor		1/3" FullHD CMOS
Pixel Size, μm		2.0x2.0
Resolution, pixels@fps	Mainstream (max)*	PAL: 1920x1080@15
	Substream (max)*	PAL: 640x480@15
	Auto	+
Day/Night mode	Color Black&White	-
Sensitivity, Lux		-
Dynamic range WDR, dB		3
S/N ratio, dB	, ub	72
Smart functions		48
	H.264	Human detection
·		Baseline / Main / High
	n! when you set the ma	ainstream to the maximum fps, it may cause decreasing of fps of the substream
Lens		2.0
Focal length, mm Iris, F		2.8
Iris, F	Horizontal	2.0
Angle of View, ° Lens Type	Horizontal	110
	Vertical	60
	Aspherical	<u>-</u>
	Spherical	+ M12
Lens mount		M12
		-/+
IR LED		
Distance, m		≤3
Number of LEDs, pcs.		4, Array
Beam Spread, °		60
Wavelength, nm		850
IR Cut Filter, Manual/Auto		-/+
Network Network Interface Wi-F		
		Wi-Fi (Wireless Connect)
	Standard	IEEE 802.11b/g/n
		Description (Control of Control o
	Modulation	DSSS/OFDM
	Bandwidth, KHz	20000
Wireless LAN	Bandwidth, KHz Frequency, Ghz	
Wireless LAN	Bandwidth, KHz Frequency, Ghz Max. wireless power,	20000
Wireless LAN	Bandwidth, KHz Frequency, Ghz Max. wireless power, mW	20000 2.412 – 2.472
Wireless LAN Languages supported	Bandwidth, KHz Frequency, Ghz Max. wireless power, mW	20000 2.412 – 2.472 <100 English, Russian, Ukrainian, Czech, Danish, French, German, Hungarian, Latvian, Lithuanian, Polish, Slovenian, Spanish, Swedish, Serbian, Dutch, Estonian, Greek, Slovak,
Wireless LAN Languages supported Mobile software (supposed)	Bandwidth, KHz Frequency, Ghz Max. wireless power, mW	20000 2.412 – 2.472 <100 English, Russian, Ukrainian, Czech, Danish, French, German, Hungarian, Latvian, Lithuanian, Polish, Slovenian, Spanish, Swedish, Serbian, Dutch, Estonian, Greek, Slovak, Arabic, Turkish, Circassian, Hebrew, Italian
Wireless LAN Languages supported Mobile software (supposed)	Bandwidth, KHz Frequency, Ghz Max. wireless power, mW	20000 2.412 – 2.472 <100 English, Russian, Ukrainian, Czech, Danish, French, German, Hungarian, Latvian, Lithuanian, Polish, Slovenian, Spanish, Swedish, Serbian, Dutch, Estonian, Greek, Slovak, Arabic, Turkish, Circassian, Hebrew, Italian
Wireless LAN	Bandwidth, KHz Frequency, Ghz Max. wireless power, mW d	20000 2.412 – 2.472 <100 English, Russian, Ukrainian, Czech, Danish, French, German, Hungarian, Latvian, Lithuanian, Polish, Slovenian, Spanish, Swedish, Serbian, Dutch, Estonian, Greek, Slovak, Arabic, Turkish, Circassian, Hebrew, Italian Partizan
Wireless LAN Languages supported Mobile software (supported)	Bandwidth, KHz Frequency, Ghz Max. wireless power, mW d pport) Total length	2.412 – 2.472 <100 English, Russian, Ukrainian, Czech, Danish, French, German, Hungarian, Latvian, Lithuanian, Polish, Slovenian, Spanish, Swedish, Serbian, Dutch, Estonian, Greek, Slovak, Arabic, Turkish, Circassian, Hebrew, Italian Partizan
Wireless LAN Languages supported Mobile software (supported) Dimensions Size, mm	Bandwidth, KHz Frequency, Ghz Max. wireless power, mW d pport) Total length Housing	2.412 – 2.472 <100 English, Russian, Ukrainian, Czech, Danish, French, German, Hungarian, Latvian, Lithuanian, Polish, Slovenian, Spanish, Swedish, Serbian, Dutch, Estonian, Greek, Slovak, Arabic, Turkish, Circassian, Hebrew, Italian Partizan
Wireless LAN Languages supported Mobile software (supported)	Bandwidth, KHz Frequency, Ghz Max. wireless power, mW d pport) Total length Housing	20000 2.412 – 2.472 <100 English, Russian, Ukrainian, Czech, Danish, French, German, Hungarian, Latvian, Lithuanian, Polish, Slovenian, Spanish, Swedish, Serbian, Dutch, Estonian, Greek, Slovak, Arabic, Turkish, Circassian, Hebrew, Italian Partizan 138 138x46x28,5 -
Wireless LAN Languages supported Mobile software (supported) Dimensions Size, mm Weight, g Common	Bandwidth, KHz Frequency, Ghz Max. wireless power, mW d pport) Total length Housing Bracket	20000 2.412 – 2.472 <100 English, Russian, Ukrainian, Czech, Danish, French, German, Hungarian, Latvian, Lithuanian, Polish, Slovenian, Spanish, Swedish, Serbian, Dutch, Estonian, Greek, Slovak, Arabic, Turkish, Circassian, Hebrew, Italian Partizan 138 138x46x28,5 -
Wireless LAN Languages supported Mobile software (supported) Dimensions Size, mm Weight, g Common Battery type/Capacit	Bandwidth, KHz Frequency, Ghz Max. wireless power, mW d pport) Total length Housing Bracket	20000 2.412 – 2.472 <100 English, Russian, Ukrainian, Czech, Danish, French, German, Hungarian, Latvian, Lithuanian, Polish, Slovenian, Spanish, Swedish, Serbian, Dutch, Estonian, Greek, Slovak, Arabic, Turkish, Circassian, Hebrew, Italian Partizan 138 138x46x28,5 - 170
Wireless LAN Languages supported Mobile software (supported) Dimensions Size, mm Weight, g Common Battery type/Capacit Power Consumption	Bandwidth, KHz Frequency, Ghz Max. wireless power, mW d pport) Total length Housing Bracket ey, mAh Wake/Sleep, mAh DC/AC (screw	20000 2.412 – 2.472 <100 English, Russian, Ukrainian, Czech, Danish, French, German, Hungarian, Latvian, Lithuanian, Polish, Slovenian, Spanish, Swedish, Serbian, Dutch, Estonian, Greek, Slovak, Arabic, Turkish, Circassian, Hebrew, Italian Partizan 138 138x46x28,5 - 170 2x18650, Built-in/5000
Wireless LAN Languages supported Mobile software (supported) Dimensions Size, mm Weight, g Common Battery type/Capacit Power Consumption Power supply (not included in the kit)	Bandwidth, KHz Frequency, Ghz Max. wireless power, mW d pport) Total length Housing Bracket cy, mAh Wake/Sleep, mAh DC/AC (screw terminal) Micro USB (cable	2.412 – 2.472 <100 English, Russian, Ukrainian, Czech, Danish, French, German, Hungarian, Latvian, Lithuanian, Polish, Slovenian, Spanish, Swedish, Serbian, Dutch, Estonian, Greek, Slovak, Arabic, Turkish, Circassian, Hebrew, Italian Partizan 138 138×46×28,5 - 170 2x18650, Built-in/5000 250/0.5
Wireless LAN Languages supported Mobile software (supported) Dimensions Size, mm Weight, g Common Battery type/Capacit Power Consumption Power supply (not included in the kit)	Bandwidth, KHz Frequency, Ghz Max. wireless power, mW d pport) Total length Housing Bracket ey, mAh Wake/Sleep, mAh DC/AC (screw terminal)	20000 2.412 – 2.472 <100 English, Russian, Ukrainian, Czech, Danish, French, German, Hungarian, Latvian, Lithuanian, Polish, Slovenian, Spanish, Swedish, Serbian, Dutch, Estonian, Greek, Slovak, Arabic, Turkish, Circassian, Hebrew, Italian Partizan 138 138x46x28,5 - 170 2x18650, Built-in/5000 250/0.5 12V/2A, 24V/1A 5V/2A
Wireless LAN Languages supported Mobile software (supplemensions) Size, mm Weight, g Common Battery type/Capacit Power Consumption Power supply (not included in the kit) Call button	Bandwidth, KHz Frequency, Ghz Max. wireless power, mW d pport) Total length Housing Bracket ry, mAh Wake/Sleep, mAh DC/AC (screw terminal) Micro USB (cable included)	20000 2.412 – 2.472 <100 English, Russian, Ukrainian, Czech, Danish, French, German, Hungarian, Latvian, Lithuanian, Polish, Slovenian, Spanish, Swedish, Serbian, Dutch, Estonian, Greek, Slovak, Arabic, Turkish, Circassian, Hebrew, Italian Partizan 138 138x46x28,5 - 170 2x18650, Built-in/5000 250/0.5 12V/2A, 24V/1A
Languages supported Mobile software (supplemensions Size, mm Weight, g Common Battery type/Capacit Power Consumption Power supply (not included in the kit) Call button Alarm	Bandwidth, KHz Frequency, Ghz Max. wireless power, mW d pport) Total length Housing Bracket ey, mAh Wake/Sleep, mAh DC/AC (screw terminal) Micro USB (cable included) Inputs Outputs	20000 2.412 – 2.472 <100 English, Russian, Ukrainian, Czech, Danish, French, German, Hungarian, Latvian, Lithuanian, Polish, Slovenian, Spanish, Swedish, Serbian, Dutch, Estonian, Greek, Slovak, Arabic, Turkish, Circassian, Hebrew, Italian Partizan 138 138x46x28,5 - 170 2x18650, Built-in/5000 250/0.5 12V/2A, 24V/1A 5V/2A
Languages supported Mobile software (supported of the supported of the sup	Bandwidth, KHz Frequency, Ghz Max. wireless power, mW d pport) Total length Housing Bracket ey, mAh Wake/Sleep, mAh DC/AC (screw terminal) Micro USB (cable included) Inputs Outputs Range, m	20000 2.412 – 2.472 <100 English, Russian, Ukrainian, Czech, Danish, French, German, Hungarian, Latvian, Lithuanian, Polish, Slovenian, Spanish, Swedish, Serbian, Dutch, Estonian, Greek, Slovak, Arabic, Turkish, Circassian, Hebrew, Italian Partizan 138 138x46x28,5 - 170 2x18650, Built-in/5000 250/0.5 12V/2A, 24V/1A 5V/2A
Languages supported Mobile software (supported of the supported of the sup	Bandwidth, KHz Frequency, Ghz Max. wireless power, mW d pport) Total length Housing Bracket ry, mAh Wake/Sleep, mAh DC/AC (screw terminal) Micro USB (cable included) Inputs Outputs Range, m Angle, °	20000 2.412 – 2.472 <100 English, Russian, Ukrainian, Czech, Danish, French, German, Hungarian, Latvian, Lithuanian, Polish, Slovenian, Spanish, Swedish, Serbian, Dutch, Estonian, Greek, Slovak, Arabic, Turkish, Circassian, Hebrew, Italian Partizan 138 138×46x28,5 - 170 2x18650, Built-in/5000 250/0.5 12V/2A, 24V/1A 5V/2A +
Languages supported Mobile software (supported of the supported of the sup	Bandwidth, KHz Frequency, Ghz Max. wireless power, mW d pport) Total length Housing Bracket ey, mAh Wake/Sleep, mAh DC/AC (screw terminal) Micro USB (cable included) Inputs Outputs Range, m Angle, ° Built-in microphone	20000 2.412 – 2.472 <100 English, Russian, Ukrainian, Czech, Danish, French, German, Hungarian, Latvian, Lithuanian, Polish, Slovenian, Spanish, Swedish, Serbian, Dutch, Estonian, Greek, Slovak, Arabic, Turkish, Circassian, Hebrew, Italian Partizan 138 138x46x28,5 - 170 2x18650, Built-in/5000 250/0.5 12V/2A, 24V/1A 5V/2A +
Languages supported Mobile software (supplemensions) Size, mm Weight, g Common Battery type/Capacit Power Consumption Power supply (not included in the kit) Call button Alarm PIR sensor	Bandwidth, KHz Frequency, Ghz Max. wireless power, mW d pport) Total length Housing Bracket ry, mAh Wake/Sleep, mAh DC/AC (screw terminal) Micro USB (cable included) Inputs Outputs Range, m Angle, ° Built-in microphone Built-in speaker	20000 2.412 – 2.472 <100 English, Russian, Ukrainian, Czech, Danish, French, German, Hungarian, Latvian, Lithuanian, Polish, Slovenian, Spanish, Swedish, Serbian, Dutch, Estonian, Greek, Slovak, Arabic, Turkish, Circassian, Hebrew, Italian Partizan 138 138×46x28,5 - 170 2x18650, Built-in/5000 250/0.5 12V/2A, 24V/1A 5V/2A +
Languages supported Mobile software (supplemensions Size, mm Weight, g Common Battery type/Capacit Power Consumption Power supply (not included in the kit) Call button Alarm PIR sensor	Bandwidth, KHz Frequency, Ghz Max. wireless power, mW d pport) Total length Housing Bracket Ey, mAh Wake/Sleep, mAh DC/AC (screw terminal) Micro USB (cable included) Inputs Outputs Range, m Angle, ° Built-in microphone Built-in speaker Inputs	20000 2.412 – 2.472 <100 English, Russian, Ukrainian, Czech, Danish, French, German, Hungarian, Latvian, Lithuanian, Polish, Slovenian, Spanish, Swedish, Serbian, Dutch, Estonian, Greek, Slovak, Arabic, Turkish, Circassian, Hebrew, Italian Partizan 138 138x46x28,5 - 170 2x18650, Built-in/5000 250/0.5 12V/2A, 24V/1A 5V/2A +
Languages supported Mobile software (supplemensions Size, mm Weight, g Common Battery type/Capacit Power Consumption Power supply (not included in the kit) Call button Alarm PIR sensor Audio	Bandwidth, KHz Frequency, Ghz Max. wireless power, mW d pport) Total length Housing Bracket ry, mAh Wake/Sleep, mAh DC/AC (screw terminal) Micro USB (cable included) Inputs Outputs Range, m Angle, ° Built-in microphone Built-in speaker	20000 2.412 – 2.472 <100 English, Russian, Ukrainian, Czech, Danish, French, German, Hungarian, Latvian, Lithuanian, Polish, Slovenian, Spanish, Swedish, Serbian, Dutch, Estonian, Greek, Slovak, Arabic, Turkish, Circassian, Hebrew, Italian Partizan 138 138×46x28,5
Languages supported Mobile software (supported of the supported of the sup	Bandwidth, KHz Frequency, Ghz Max. wireless power, mW d pport) Total length Housing Bracket Ey, mAh Wake/Sleep, mAh DC/AC (screw terminal) Micro USB (cable included) Inputs Outputs Range, m Angle, ° Built-in microphone Built-in speaker Inputs Outputs Outputs	20000 2.412 – 2.472 <100 English, Russian, Ukrainian, Czech, Danish, French, German, Hungarian, Latvian, Lithuanian, Polish, Slovenian, Spanish, Swedish, Serbian, Dutch, Estonian, Greek, Slovak, Arabic, Turkish, Circassian, Hebrew, Italian Partizan 138 138×46×28,5 - 170 2×18650, Built-in/5000 250/0.5 12V/2A, 24V/1A 5V/2A +
Languages supported Mobile software (supplemensions Size, mm Weight, g Common Battery type/Capacit Power Consumption Power supply (not included in the kit) Call button Alarm PIR sensor Audio Memory card Housing material, pla	Bandwidth, KHz Frequency, Ghz Max. wireless power, mW d pport) Total length Housing Bracket Ey, mAh Wake/Sleep, mAh DC/AC (screw terminal) Micro USB (cable included) Inputs Outputs Range, m Angle, ° Built-in microphone Built-in speaker Inputs Outputs Coutputs	20000 2.412 – 2.472 <100 English, Russian, Ukrainian, Czech, Danish, French, German, Hungarian, Latvian, Lithuanian, Polish, Slovenian, Spanish, Swedish, Serbian, Dutch, Estonian, Greek, Slovak, Arabic, Turkish, Circassian, Hebrew, Italian Partizan 138 138×46×28,5 - 170 2×18650, Built-in/5000 250/0.5 12∨/2A, 24∨/1A 5∨/2A +
Languages supported Mobile software (supplemensions Size, mm Weight, g Common Battery type/Capacit Power Consumption Power supply (not included in the kit) Call button Alarm PIR sensor Audio Memory card Housing material, pla Bracket material, pla	Bandwidth, KHz Frequency, Ghz Max. wireless power, mW d pport) Total length Housing Bracket Ey, mAh Wake/Sleep, mAh DC/AC (screw terminal) Micro USB (cable included) Inputs Outputs Range, m Angle, ° Built-in microphone Built-in speaker Inputs Outputs Coutputs	20000 2.412 – 2.472 <100 English, Russian, Ukrainian, Czech, Danish, French, German, Hungarian, Latvian, Lithuanian, Polish, Slovenian, Spanish, Swedish, Serbian, Dutch, Estonian, Greek, Slovak, Arabic, Turkish, Circassian, Hebrew, Italian Partizan 138 138×46×28,5 - 170 2x18650, Built-in/5000 250/0.5 12V/2A, 24V/1A 5V/2A +
Languages supported Mobile software (supplemensions) Size, mm Weight, g Common Battery type/Capacit Power Consumption Power supply (not included in the kit) Call button Alarm PIR sensor Audio Memory card Housing material, plat Bracket material, plat IP rating	Bandwidth, KHz Frequency, Ghz Max. wireless power, mW d pport) Total length Housing Bracket Ey, mAh Wake/Sleep, mAh DC/AC (screw terminal) Micro USB (cable included) Inputs Outputs Range, m Angle, ° Built-in microphone Built-in speaker Inputs Outputs Coutputs	20000 2.412 – 2.472 <100 English, Russian, Ukrainian, Czech, Danish, French, German, Hungarian, Latvian, Lithuanian, Polish, Slovenian, Spanish, Swedish, Serbian, Dutch, Estonian, Greek, Slovak, Arabic, Turkish, Circassian, Hebrew, Italian Partizan 138 138×46×28,5 - 170 2×18650, Built-in/5000 250/0.5 12∨/2A, 24∨/1A 5∨/2A +
Languages supported Mobile software (supplemensions Size, mm Weight, g Common Battery type/Capacit Power Consumption Power supply (not included in the kit) Call button Alarm PIR sensor Audio Memory card Housing material, plate Bracket material, plate IP rating IK rating IK rating	Bandwidth, KHz Frequency, Ghz Max. wireless power, mW d pport) Total length Housing Bracket Ey, mAh Wake/Sleep, mAh DC/AC (screw terminal) Micro USB (cable included) Inputs Outputs Range, m Angle, ° Built-in microphone Built-in speaker Inputs Outputs astic/metal estic/metal	20000 2.412 – 2.472 <100 English, Russian, Ukrainian, Czech, Danish, French, German, Hungarian, Latvian, Lithuanian, Polish, Slovenian, Spanish, Swedish, Serbian, Dutch, Estonian, Greek, Slovak, Arabic, Turkish, Circassian, Hebrew, Italian Partizan 138 138×46×28,5
Languages supported Mobile software (supplemensions) Size, mm Weight, g Common Battery type/Capacite Power Consumption Power supply (not included in the kit) Call button Alarm PIR sensor Audio Memory card Housing material, plate Bracket material, plate IP rating IK rating Operating temperate	Bandwidth, KHz Frequency, Ghz Max. wireless power, mW d pport) Total length Housing Bracket Ey, mAh Wake/Sleep, mAh DC/AC (screw terminal) Micro USB (cable included) Inputs Outputs Range, m Angle, ° Built-in microphone Built-in speaker Inputs Outputs astic/metal estic/metal	20000 2.412 – 2.472 <100 English, Russian, Ukrainian, Czech, Danish, French, German, Hungarian, Latvian, Lithuanian, Polish, Slovenian, Spanish, Swedish, Serbian, Dutch, Estonian, Greek, Slovak, Arabic, Turkish, Circassian, Hebrew, Italian Partizan 138 138×46×28,5 - 170 2×18650, Built-in/5000 250/0.5 12V/2A, 24V/1A 5V/2A +
Languages supported Mobile software (supplemensions Size, mm Weight, g Common Battery type/Capacit Power Consumption Power supply (not included in the kit) Call button Alarm PIR sensor Audio Memory card Housing material, plate Bracket material, plate IP rating IK rating IK rating	Bandwidth, KHz Frequency, Ghz Max. wireless power, mW d pport) Total length Housing Bracket Ey, mAh Wake/Sleep, mAh DC/AC (screw terminal) Micro USB (cable included) Inputs Outputs Range, m Angle, ° Built-in microphone Built-in speaker Inputs Outputs astic/metal estic/metal	20000 2.412 – 2.472 <100 English, Russian, Ukrainian, Czech, Danish, French, German, Hungarian, Latvian, Lithuanian, Polish, Slovenian, Spanish, Swedish, Serbian, Dutch, Estonian, Greek, Slovak, Arabic, Turkish, Circassian, Hebrew, Italian Partizan 138 138×46×28,5

