

BoxID LED



Applications:

- Access control and employee identification systems
- Forklift operation supervision
- Industrial machinery access authorization
- Public facility monitoring (stadiums, exhibition halls)
- Wireless transaction systems (e.g. in diners)
- Logistical systems for storeroom management and tracking resources
- Employee work time recording



Characteristics:

- NFC-equipped smartphones can be utilized as access tokens.
- Control over two relay outputs and monitoring two digital inputs.
- Built-in Lua script interpreter for advanced users.
- Ethernet and Wi-Fi (option) communication.
- Siemens S7 and Mitsubishi FX/Q PLC integration (option).
- Optional M12 connector offering exceptional resistance from adverse environmental conditions.
- HTTP(S), MQTT(S), Modbus TCP, Modbus RTU, SNTP communication protocols support.
- Real-time e-mail notifications.

Technical characteristics

Power supply	PoE: 33-57V IEEE 802.3af	10-24V DC, 3,5mm screw terminal		
Power consumption	Max. 2,5W			
Transponders	Unique EM4100, EM4102	ICODE® (ISO15693)	iClass Seos®	HITAG 1/2/S
	Indala	Legic	Mifare® (Classic, Plus, DESFire)	HID Prox
Memory	5000 tags, 30 000 events			
Inputs	Amount of digital inputs: 2		Input type: NO (Normally Open)	
Outputs	Amount of outputs: 2	Output type: NO, relay		Maximum relay load: 1A @30V DC
Communication	Ethernet 10/100Mbps, RJ45 port	Wi-Fi (option)		RS485 port (Modbus RTU)
Enclosure	IP rating: IP65	Dimensions: 100 x 100 x 55,6mm (SLOT version: 100 x 100 x 70mm)		
Operating temperature	From -10°C to +55°C			

Version	RFID standard								Wi-Fi	M12 connector	Slot II	Catalogue number
	Unique	HITAG 1/2/S	Mifare®	ICODE	iClass	Indala	HID Prox	LEGIC				
BoxID LED LF	✓	✓										BI-0019-0001-00
BoxID LED LF M12	✓	✓								✓		BI-0019-0101-00
BoxID LED LF Slot II	✓	✓									✓	BI-0019-0009-00
BoxID LED LF Slot II M12	✓	✓								✓	✓	BI-0019-0109-00
BoxID LED LF Wi-Fi	✓	✓							✓			BI-0019-0005-00
BoxID LED LF Wi-Fi M12	✓	✓							✓	✓		BI-0019-0105-00
BoxID LED LF Wi-Fi Slot II	✓	✓							✓		✓	BI-0019-000D-00
BoxID LED LF Wi-Fi Slot II M12	✓	✓							✓	✓	✓	BI-0019-010D-00
BoxID LED LF HID Prox/Indala						✓	✓					BI-0200-0001-00
BoxID LED LF HID Prox/Indala M12						✓	✓			✓		BI-0200-0101-00
BoxID LED LF HID Prox/Indala Slot II						✓	✓				✓	BI-0200-0009-00
BoxID LED LF HID Prox/Indala Slot II M12						✓	✓			✓	✓	BI-0200-0109-00
BoxID LED LF HID Prox/Indala WiFi						✓	✓		✓			BI-0200-0005-00
BoxID LED LF HID Prox/Indala WiFi M12						✓	✓		✓	✓		BI-0200-0105-00
BoxID LED LF HID Prox/Indala WiFi Slot II						✓	✓		✓		✓	BI-0200-000D-00
BoxID LED LF HID Prox/Indala WiFi Slot II M12						✓	✓		✓	✓	✓	BI-0200-010D-00
Boxld LED HF			✓	✓	CSN only							BI-0046-0001-00
Boxld LED HF M12			✓	✓	CSN only					✓		BI-0046-0101-00
Boxld LED HF Slot II			✓	✓	CSN only						✓	BI-0046-0009-00
Boxld LED HF Slot II M12			✓	✓	CSN only					✓	✓	BI-0046-0109-00
Boxld LED HF WiFi			✓	✓	CSN only				✓			BI-0046-0005-00

Version	RFID Standard								Wi-Fi	M12 connector	Slot II	Catalogue number
	Unique	HITAG 1/2/S	Mifare®	ICODE	iClass	Indala	HID Prox	LEGIC				
BoxId LED HF WiFi M12			✓	✓	CSN only				✓	✓		BI-0046-0105-00
BoxId LED HF WiFi Slot II			✓	✓	CSN only				✓		✓	BI-0046-000D-00
BoxId LED HF WiFi Slot II M12			✓	✓	CSN only				✓	✓	✓	BI-0046-010D-00
BoxID LED HF iClass Seos/Mifare/ICODE			✓	✓	✓							BI-0086-0001-00
BoxID LED HF iClass Seos/Mifare/ICODE M12			✓	✓	✓					✓		BI-0086-0101-00
BoxID LED HF iClass Seos/Mifare/ICODE Slot II			✓	✓	✓						✓	BI-0086-0009-00
BoxID LED HF iClass Seos/Mifare/ICODE Slot II M12			✓	✓	✓					✓	✓	BI-0086-0109-00
BoxID LED HF iClass Seos/Mifare/ICODE WiFi			✓	✓	✓				✓			BI-0086-0005-00
BoxID LED HF iClass Seos/Mifare/ICODE WiFi M12			✓	✓	✓				✓	✓		BI-0086-0105-00
BoxID LED HF iClass Seos/Mifare/ICODE WiFi Slot II			✓	✓	✓				✓		✓	BI-0086-000D-00
BoxID LED HF iClass Seos/Mifare/ICODE WiFi Slot II M12			✓	✓	✓				✓	✓	✓	BI-0086-010D-00
BoxID LED LF-HF LEGIC								✓				BI-0100-0001-00
BoxID LED LF-HF LEGIC M12								✓		✓		BI-0100-0101-00
BoxID LED LF-HF LEGIC Slot II								✓			✓	BI-0100-0009-00
BoxID LED LF-HF LEGIC Slot II M12								✓		✓	✓	BI-0100-0109-00
BoxID LED LF-HF LEGIC WiFi								✓	✓			BI-0100-0005-00
BoxID LED LF-HF LEGIC WiFi M2								✓	✓	✓		BI-0100-0105-00
BoxID LED LF-HF LEGIC WiFi Slot II								✓	✓		✓	BI-0100-000D-00
BoxID LED LF-HF LEGIC WiFi Slot II M12								✓	✓		✓	BI-0100-010D-00