

Bluewest.de

info@Bluewest.de

ADDRESS:

Neuer Wall 71, c/o WorkRepublic

20354 Hamburg

Germany

TEL & FAX: +49 40 99 99 94 42 9



BLUE WEST
GmbH

**IP BASED FINGERPRINT
IDENTIFICATION**

**Access Solutions Consulting
& Sales Company**

For impressive entrances
For high quality solutions
For many applications



IP BASED FINGERPRINT IDENTIFICATION (FINGERPRINT / RFID / PIN) TIME / ATTENDANCE / ACCESS CONTROLLER

BW-FINGER007

BW-IP-FINGER007

BW-FINGER007SR

- Standalone Operation without PC / Server Connection;
- Able to Scan Fingerprint from Any Angle;
- Fake Fingerprint Detection : Auto on Function & LIVE Fingerprint Detection;
- Communication : TCP / IP, RS-485, RS-232;
- User / Event Buffers Up to 50.000 Users / Up to 50.000 Events.

BW-FINGER007

BW-IP-FINGER007

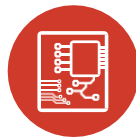
BW-FINGER007SR



Fingerprint
Recognition



RFID Reader
& Card



Access
Controller

IP BASED FINGERPRINT IDENTIFICATION (FINGERPRINT / RFID / PIN) TIME / ATTENDANCE / ACCESS CONTROLLER

Key Features

BW-FINGER007 / BW-IP-FINGER007 / BW-FINGER007SR



- Professional Time & Attendance / Access Controller;
- Operation Mode: RF Card(PIN / Fingerprint), RF Card(PIN) + Password / Fingerprint, RF Card(PIN) + Password + Fingerprint;
- Standalone Device with Internally Embedded Controller;
- Standalone Operation without PC/Server Connection;
- Fingerprint Identification without using any cards or keypads;
- 4 Function Keys for Time & Attendance Applications;
- Communication: TCP / IP, RS-485, RS-422, RS-232;
- Fingerprint Users: Up to 5000 Users;
- User / Event Buffers Up to 50.000 Users / Up to 50.000 Events;
- Able to Scan Fingerprint from Any Angle;
- Fake Fingerprint Detection: Auto on Function & LIVE Fingerprint Detection;
- Automatic System Reset via Self-Diagnosis (Watchdog Function);
- Anti-Passback Function.

IP BASED FINGERPRINT IDENTIFICATION (FINGERPRINT / RFID / PIN) TIME / ATTENDANCE / ACCESS CONTROLLER

Key Features

BW-FINGER007 / BW-IP-FINGER007 / BW-FINGER007SR



- Duress Mode;
- Alerts when Door Opening Time Exceeds and Forced Door Open;
- Time Schedule Setting;
- 3-State Supervised Input (On / Off / Cut);
- Designed to Withstand ESD (Electro Static Discharge) Shock;
- Output Format: BW-FINGER007 Series may function as a Standalone Controller as well as a Reader;
 - BW-FINGER007 / BW-IP-FINGER007: 26-bit Wiegand;
 - BW-FINGER007SR: 34-bit Wiegand;
- Compatible Software: BLUE WEST STANDARD Series, TIME PRO, TIME BASIC;
 - BW-FINGER007: 125KHz (Credential Format / IDC Type);
 - BW-IP-FINGER007: 125KHz (ASK [EM] Format);
 - BW-FINGER007SR: 13.56MHz (ISO14443 Type A, B, MIFARE Classic, MIFARE Plus, MIFARE Desfire, MIFARE Ultra light) Identifies UID/CSN Read only 4 Byte (Optional 7 Byte).

IP BASED FINGERPRINT IDENTIFICATION (FINGERPRINT / RFID / PIN) TIME / ATTENDANCE / ACCESS CONTROLLER

Specifications

Model	BW-FINGER007		BW-IP-FINGER007	BW-FINGER007SR
CPU	32 Bit ARM9 and Dual 8 Bit Microprocessor			
Memory	Program	128 K Byte Flash Memory		
	Data	1 M Byte Flash Memory		
Fingerprint User	Up to 5.000 Users			
ID User	Up to 50.000 Users (Including Fingerpring Registration)			
Event Buffer	Up to 50.000 Events			
Radio Frequency (RF)	125 KHz Secure & Credential Fomat	125 KHz EM(ASK)	13.56 MHz	
Read Range (Compatible Card Type)	IDC80 / IDC170: Up to 4 Inch (10 cm)	IPC80 / IPC170: Up to 4 Inch (10 cm)	ISC80: Up to 10 cm / IHC80: Up to 5 cm	
Reading Time (Card)	30 ms			
Verification Time	Less than 1 sec.			
Identification Time	Less than 2 sec.			
Fake Fingerprint Detection	Auto on Function & LIVE Fingerprint Detection			
Power / Current	DC 12 V / Max. 300 mA			
External Reader Port	1 EA: 26 bit Wiegand (for Anti-Passback) 4 / 8bit Burst for PIN		1 EA: 34bit Wiegand (for Anti-Passback) 4 / 8bit Burst for PIN	
Communication	TCP / IP, RS 485, RS 422, RS 232 (Max. 32 ch)			
Communication Speed	TCP / IP	10 / 100 Mbps		
	Serial	9.600 bps (Default) / 19.200 bps / 38.400 bps / 57.600 bps / 115.200 bps (Selectable)		
Input Port	4 EA: Exit Button, Door Sensor, Aux#1, Aux#2			
Output Port	2 EA: 2 FORM-C Relay Output (COM, NO, NC) / DC 12 V~18 V, Rating Max. 2 A			
	2 EA: TTL Output / DC 5 V, Rating Max. 20 mA			
	Can be used in 26 Bit Wiegand, using the 2TTL Outputs		Can be used in 34 Bit Wiegand, using the 2TTL Outputs	
Tamper Switch	2 EA			
LED Indicator / Beeper	7 LED Indicators / Piezo Buzzer			
LCD	Character LCD (2 Lines x 16 Char) 65.6 x 13.8 mm (2.62" x 0.55") Screen			
Keypad	16 Numeric Keypad with Back Lightings / Membrane			
Operating Temperature	Fingerprint Module: -15°C ~ +40°C (5°F ~ 104°F)			
	LCD: 0°C ~ +50°C (+32°F ~ +122°F)			
	Controller: -15°C ~ +70°C (+5°F ~ +158°F)			
	RF Reader: -35°C ~ +65°C (-31°F ~ +149°F)			
Operating Humidity	10% ~ 90% Relative Humidity, Non - Condensing			
Color / Material	Dark Pearl Gary / Polycarbonate			
Dimension (W x H x T) / Weight	161.5 mm x 134 mm x 48.5 mm / 547 g (1.21 lbs)			
Certification	FCC, CE, KCC, RoHs			
Fingerprint Module Specification				
Resolution	500 dpi	Scanner	High Quality Optical Sensor	
Capture Image Size	640 x 480 pixels	FAR	0.001%	
Extract Image Size	260 x 300 pixels	FRR	0.1%	
Sensor Area	15 x 18.5 mm	ESD Tolerance	±8 KV	

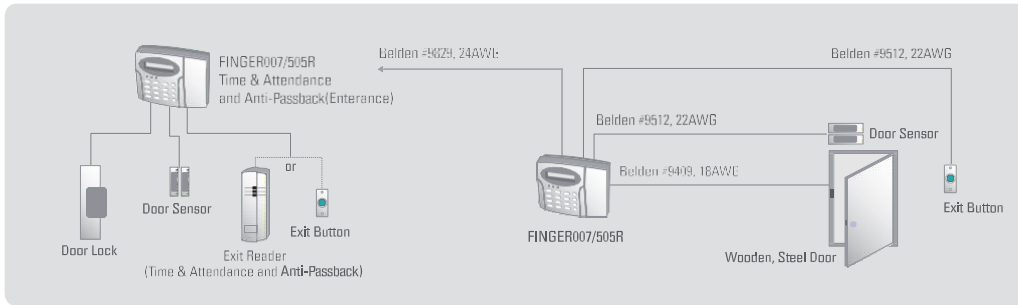


IP BASED FINGERPRINT IDENTIFICATION (FINGERPRINT / RFID / PIN) TIME / ATTENDANCE / ACCESS CONTROLLER

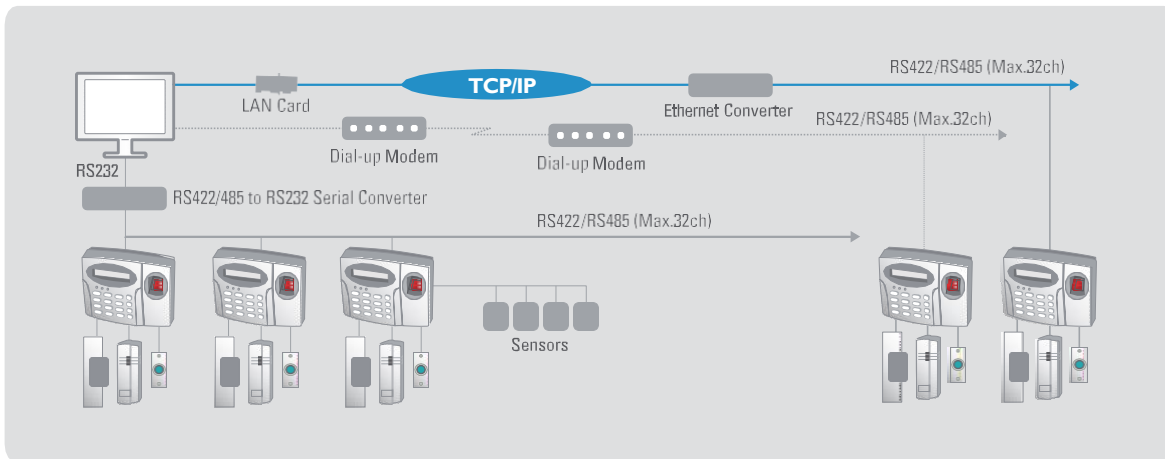
BW-FINGER007 / BW-IP-FINGER007 / BW-FINGER007SR Configuration



Standalone Configuration



Network Configuration



Thank you for your attention