



Trinity IL200

Trinity IL300

Trinity IL600

SMART BATTERY LOCKING

- ▶ HIGHLY CUSTOMISABLE
- ▶ LONG BATTERY LIFE
- ▶ TOGGLE FEATURES AS YOU NEED THEM (KEYPAD, RFID, WIFI, BLUETOOTH)
- ▶ TOUCHSCREEN LED KEYPAD (IL600 / IL200)
- ▶ CENTRALISED MULTI-LOCK MANAGEMENT VIA WIFI
- ▶ TIMED AUTO-OPEN FUNCTIONS
- ▶ BLUETOOTH AND/OR RFID USER ACCESS & LOCK ADMINISTRATION



WIFI



BLUETOOTH

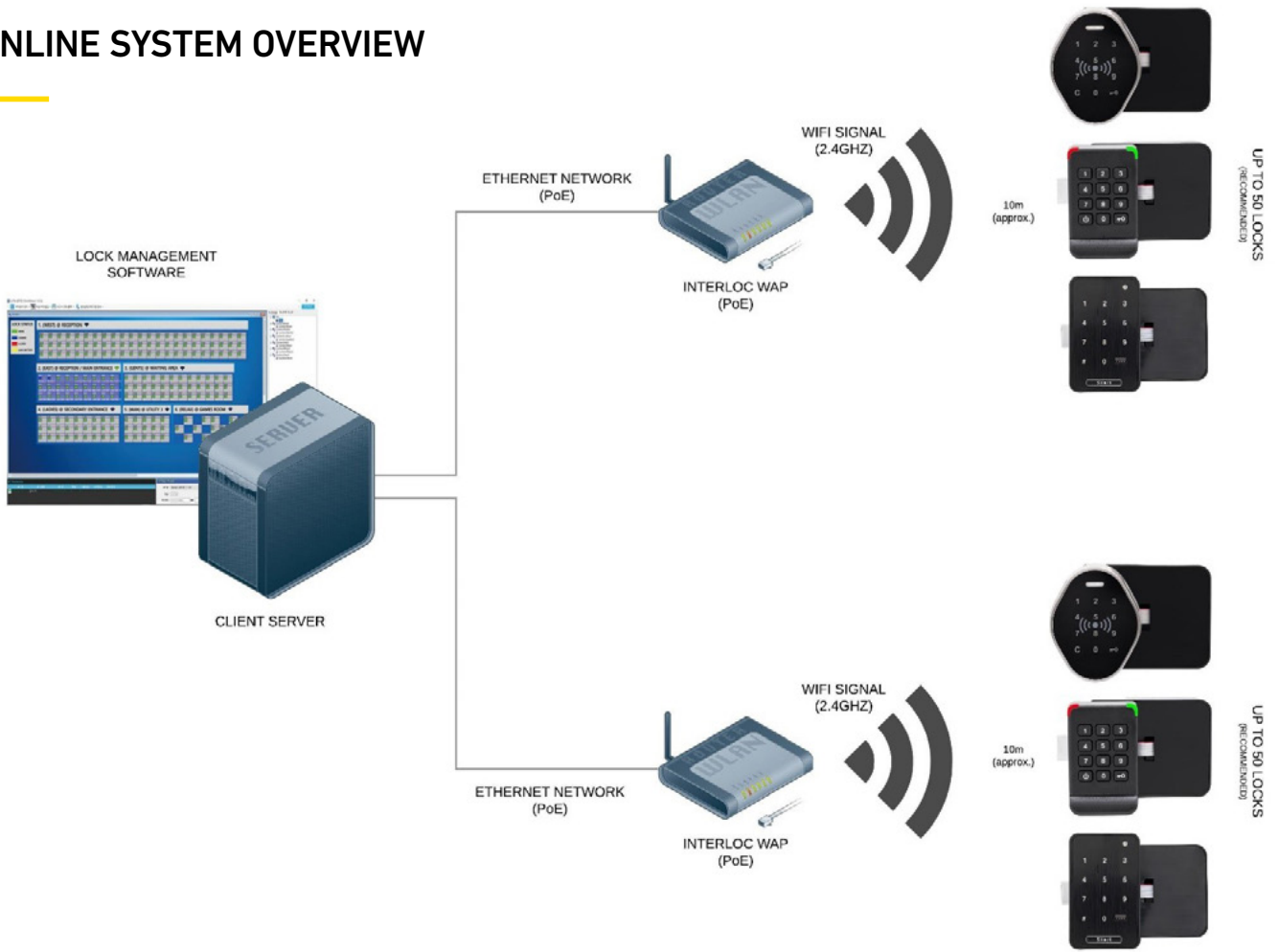


RFID



KEYPAD

ONLINE SYSTEM OVERVIEW



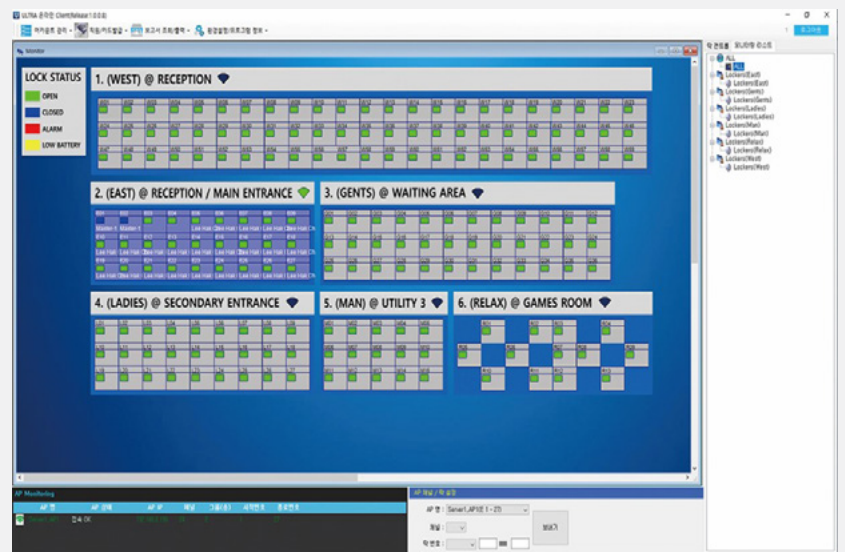
KEY FEATURES

ONLINE PORTAL

- ▶ Real-time lock management via centralised application
- ▶ Remote lock, open/close and card blocking
- ▶ Online Audit Trail
- ▶ Online Battery status check
- ▶ Change password online

WIRELESS ACCESS POINT (WAP)

- ▶ Recommended for 50 locks per WAP
- ▶ Up to 10m from lock, greater distance achievable depending on environment
- ▶ Powered via PoE (AC also available)





MOBILE ACCESS

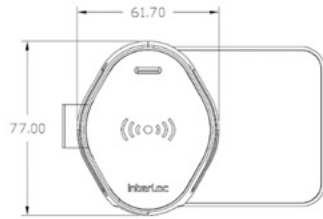
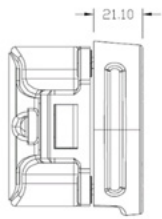
UNIQUE AND CONVENIENT USER EXPERIENCE. ABILITY FOR TOUCHLESS WORKING AND LOCK MANAGEMENT.

- ▶ Open and close lock via smartphone
- ▶ Users can operate locks by using either mobile sync or Cloud mobile key via management app
- ▶ Synchronize access key of RF User Card and smartphone
- ▶ Receive mobile key from cloud via app
- ▶ Switch between Free and Assigned mode
- ▶ Access to lock usage events

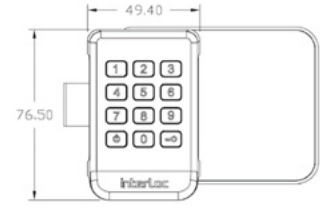
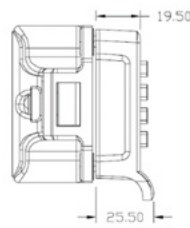
PRODUCT FEATURES

- ▶ BLE mobile access solution
- ▶ Support various RFID credentials (13.56MHz ISO 14443 Type A/B - Mifare, DESFire, HID + more)
- ▶ Remote lock (Open/Close)
- ▶ Free mode (Shared use) / Assigned mode (Permanent use)
- ▶ Time based open functions (Auto opening, Time limit, 3 Shift)
- ▶ Multi-User / Multi-Locker
- ▶ Multi-use application (e.g. Free mode pin code and CSN card reading)

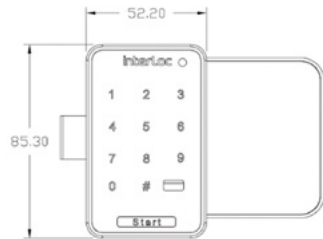
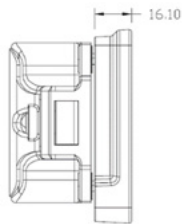
DATASHEET



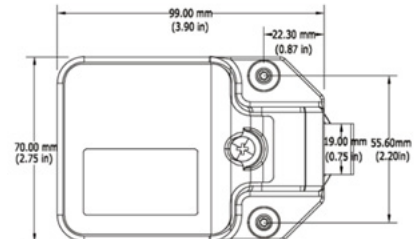
IL600



IL300



IL200



REAR CASE (ALL MODELS)

SPECIFICATIONS

		IL200	IL300	IL600
Lock wake up		Touch sensor	Keypad	Touch sensor
RF Protocol		13.56Mhz ISO 14443 Type A (Mifare, Desfire) by default, ISO 15693-2/3(HID) by option		
Radio Frequency		2.4Ghz IEEE 802.15.4 Compliant RF Transceiver		
Power		6V(1.5V AA batteries x 4)		
Operational indicator		LED (red, green) display and beep		
Latch material and type		Aluminum/Spring & dead bolt type		
Housing material	Front	Polycarbonate	Polycarbonate	Zinc Alloy
	Back	Polycarbonate	Polycarbonate	Polycarbonate
Dimension (mm)	Front	52(W) x 85(L) x 14(D)	47(L) x 77(H) x 26(D)	61(L) x 77(H) x 21(D)
	Back	99(L) x 70(H) x 35(D)		
Operational temperature		0~50°C (operating), -40~85° (storage)		
Operational humidity		10-90%		
Battery life		18 months (10 times operation/day)		
Audit trail		RFID card (150 events), Online (Unlimited)		
Locking bolt type		Spring latch/Deadbolt		
Mobile Key Access		Mobile ID (CSN Free Mode) – Free selection of available locker		
		Mobile Sync (Standard Assigned Mode) – Synchronization of RFID card and smartphone		
		Mobile Key (Cloud based mobile key - optional) – Download Time duration mobile key from cloud server		
IP rating		IP55		
Regulatory Standard		FCC, CE		