Physical Appearance			
Functions/Features	**AdapTec Plus**	**New AdapTec Plus**	**Remark**
Surface finishing	Zinc	ABS	
Dimension, mm	198 x 45 x 131	212 x 49 x 114	The new AdapTec Plus is slightly bigger than the previous version.
Weight, kg	1.0	0.6	The new AdapTec Plus is 40% lighter than the previous version by using ABS as casing material.
Power supply module			
Main Input power	AC 110 ~ 240V Universal input		
On board input power	12VDC 3A		
Backup power output	12VDC rechargeable battery		
Battery power cut off	8.5 to 9.5VDC		
On board output power	12VDC 3A, sufficient for 2 sets of FingerTec terminals & 2 sets of electrical energized lock		

FINGERTEC | COMPARE OF ADAPTEC PLUS AND NEW ADAPTEC PLUS

	Input/Output signal module		
Functions/Features	**AdapTec Plus**	**New AdapTec Plus**	**Remark**
Input signal	FingerTec customized Weigand signal (using port D0, D1 & GND) - Door unlock signal (normal verification)	FingerTec customized Weigand signal (using port D0, D1 & GND) - Door unlock signal (normal verification) - Door permanent unlock/lock signal (timer controlled)	The new AdapTec Plus can additional support door permanent unlock/lock function.
Output signal	FORM C relay - 0.5A Siren (Max) - 3.0A door lock (NC only)	FORM C relay - 0.5A Siren (Max) - 3.0A door lock (NC or NO)	New AdapTec Plus can additional support door lock type NO for example door strike.
	Siren/Buzzer/LED alerts		
Door unlock – user verifies	N/A	Yes, buzzer beeps twice.	To notify users door open and access granted.
Door unlock – push button	N/A	Yes, buzzer beeps twice.	To notify users door open and access granted.
Temper alarm – break in	Yes, buzzer beeps continuously until pressing Mute button.		
Temper alarm – terminal dismantle	Yes, buzzer beeps continuously until pressing Mute button.		
Over voltage alarm	N/A	Yes buzzer beeps 3 times	Buzzer alert if input on board power more than 15VDC to avoid fuse blown and system malfunction.
Door unlock timer indicator	N/A	Yes, LED blinks to indicate door open timer in Seconds.	Installer can refer to the LED blinks during adjustment of door open timer (VR)
On Board Status LED	N/A	Yes, 3 LED to show status of - Lock is working (LED lit up) - Processor is working (LED lit up) - Battery is low (LED lit up)	LED indicator to ease troubleshooting of installer.

Protection on board			
Fuses	3 pieces of cartridge fuses	1 piece of cartridge fuse (input power) 3 pieces of PTC fuse – resettable fuse will "open circuit" when current over 1.8A.	Normal cartridge fuse blows to protect the circuit, and replacement is required. PTC fuse cut-off circuit during short circuit. It will self-reset to normal, thus no replacement required.
Over voltage alarm	3 pieces of cartridge fuses	Buzzer beeps to alert users to regulate the on board input power to avoid damage to circuit/ fuses.	

Functions/Features	AdapTec Plus	New AdapTec Plus	Remark
Connector pins	Fix	Detachable	Detachable connectors provide flexibility during installation and troubleshooting.
Compatible with DIY Metal Casing	Yes	Yes	
Wiring method	Refer installer manual		