TS1066 / TS1067
Comparison Sheet

Key Differences

Feature	TS1066	TS1066-4	TS1067
Onboard Inputs	8	8	16
Onboard Wiegand Reader Ports	None	None	4
Door/Lifts	8 (non-expandable)	4 (non-expandable)	4 (expandable to 8)
Users	250,000 (non-expandable)	250,000 (non-expandable)	2,000 (expandable to 65,535 or 250,000) *

TS1067 Highlights

⦚ Same form-factor, mounting points, and terminal locations as TS0867 4DC.

⦚ Comes with 4 doors/lifts and 2,000 users by default, expandable with licenses applied via software (*)
- Licenses require no additional hardware, applied using CTPlus
- Licenses are a one-time cost
- Licenses persist through factory defaults of the product

⦚ TS1067 is a NAC, which means it's programmed the same as the existing TS1066 series, and just like the TS1066 series is only compatible with ChallengerPlus for intrusion functionality.

⦚ The TS1067 Network Access Controller with Wiegand blends the powerful functionality of a TS1066 NAC with a familiar form factor and onboard I/O, ideal for replacing legacy access controllers.

⦚ The NAC with Wiegand provides a more accessible entry point for access control customers, including 2,000 users and 4 doors/lifts out of the box, with support for the new Dynamic Product Licensing (DPL) functionality.

⦚ Paired with the same large memory capacity found on the NAC, DPL enables further expansion of doors and users at any time, with no downtime or additional hardware required. This makes the NAC with Wiegand ideally suited for jobs of all sizes.

⦚ All of the advancements you'll find on the TS1066 NAC are also present in the TS1067E NAC with Wiegand, including flexible connection options direct to software and/or ChallengerPlus, user-configurable and scheduled override times on each door/lift, advanced power and battery management, customisable hardware configuration and mapping, advanced diagnostics in CTPlus, and more.

⦚ In addition, the NAC with Wiegand still has even more to offer, with 4 onboard Wiegand inputs, 16 onboard inputs, a new input expander header for up to 2 x TS1021 boards, an additional onboard relay, and a switchable AUX power terminal, which allows for 12 VDC power output to be controlled directly in response to a variety of situations. Whether used standalone for access control, or in combination with a ChallengerPlus for access control and intrusion, the Network Access Controller with Wiegand is the smart and easy choice for your expanding Tecom system needs.

	Network Access Controller (NAC)		NAC with Wiegand	Intelligent 4 Door/Lift Controller		
	TS1066-4	TS1066	TS1067	TS0866	TS0867	TS0869
Inputs	1,000		1,024	80		
- Onboard	8		16	8	16	16
Relays	512		512	64		
- Onboard	4		5	4		
Doors / Lifts	4	8	8	4		
- Default	4	8	4	4		
Readers	24	48	48	16		
- Per Door / Lift	6		6	4		
- Onboard Wiegand	None		4	None	4	4
Floors	100		100	64		
Users	250,000		250,000	65,535 (with TS0884)		
- Default	250,000		2,000	2,000		
- Card data bit length	128 bits		128 bits	48 bits		
Door Groups	10,000		10,000	255		
Floor Groups	1,000		1,000	128		
Alarm Control Levels	100		100			
Timezones	2,000		2,000	46		
Holidays	100		100	24		
Holiday types	8		8	8		
RS-485 LANs	2		2	1		
DGPs	31		31	15		
RASs	32		32	16		
OSDP Devices	32		32			
Scheduled Actions	100		100			
Alarm history events	50,000		50,000	5,000		
Access history events	50,000		50,000	5,000		
Event Log History	100,000		100,000	10,000		
Communication Paths	10		10			
USB	✔		✔			
Ethernet	✔		✔			
Supported Head-ends						
- Direct to Software	✔		✔			
- ChallengerPlus	✔		✔		✔	
- Challenger10					✔	

Hardware Comparison Matrix

	ChallengerPlus TS-CHPLUS	Challenger10 TS1016	ChallengerLEPlus TS1016LEPLUS	Network Access Controller TS1066 / TS1067E
Memory Modules				
TS1084 - Memory Module expands to 65,535 users	✓	✓		
Communication Devices				
TS0098 - IP LAN Adaptor	✓[1]	✓[1]	✓[1]	✓[1]
TS1053 - 3G Communication Module	✓	✓	✓	
TS1054 - 4G Communication Module	✓	✓	✓	
TS0840 - 4 way relay	✓	✓	✓	✓
TS0841 / TS1041 - 8 way relay	✓	✓	✓	✓
TS0842 - 16 way open connector	✓	✓	✓	✓
TS0893 - LAN Isolation interface	✓	✓	✓	✓
TS0896 - RS485 to Fibre Interface	✓[2]	✓[2]	✓[2]	✓[2]
Data Gathering Panels (DGPs)				
TS1020 - Challenger10 DGP	✓	✓	✓	✓
TS0820 - Challenger V8 DGP	✓	✓	✓	✓
TS0825E - Wireless DGP	✓	✓		
TS0824 - Challenger V8 DGP, DC	✓	✓		
TS0827 - Challenger V8 4-input	✓	✓		✓
TS1061 - Dual Wiegand Interface	✓		✓	✓
Controllers				
TS0862 - Smart single-door controller	✓	✓	✓	✓
TS0866 - Intelligent four-door controller	✓[3]	✓[3]	✓[3]	
TS0867 - Intelligent four-door controller	✓[3]	✓[3]	✓[3]	
TS0869 - Intelligent four-lift controller	✓[3]	✓[3]	✓[3]	
TS1066 - Network Access Controller	✓			
TS1067E - Network Access Controller with onboard Wiegand	✓			

([1]) - Requires firmware version 3893 or greater

([2]) Requires firmware version 2050-003 or greater

([3]) Requires firmware version R110613.801 or greater

Software	Version	Latest Firmware Support			
		Challenger V8	ChallengerPlus	Challenger10	ChallengerLEPlus
CTPlus	2.9		V10-07	V10-06	V10-07
Forcefield	8.1.0	8.128 or above	V10-07	V10-06	V10-07
TecomC4	2022	8.128 or above	V10-07	V10-06	V10-07
WMS Pro	1.2		V10-07		
TecomPlus Mobile app	2.0.8		V10-07		V10-07
WMS	2.2		V10-07	V10-06	V10-07
IP Receiver	1.49	8.128 or above		V10-06	

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