Hardware Version	
Tech335	CPU board HW Version 7.1 BOM version p2
TechIO4	Connector Board HW Version D BOM Version E
Door Controller	
Readers	Max. 8 readers pr. door. Typically, 1-2 readers pr. door. (RS485) OSDP
Doors	4 doors I/O onboard. + 8 doors via OSDP IO modules: SE 600-0 or TPA-IO1 Max. 16 Wireless Online doors Max. 1500 Offline doors.
Credentials	Up to 500.000 cardholders
Event log	1.000.000 events
Schedules	1000
I/O interface	
Inputs supervised	6 balanced. 2/3/4-state supervision. Configurable analog or digital. Max. 40 V DC. Resistance network is configurable.
Inputs Digital	2 digital, 5 V DC
Relay output	4 relay outputs (NO, NC, C), 10A 250VAC / 30VDC
	Jumper for 12/24 VDC at NC
Outputs	3 Open Drain output, Sink max. 750 mA
USB	USB 2.0
Power	
In	Power over Ethernet PoE+ IEEE 802.3at Type 2 Class 4 - Maximum load on outputs 20 W PoE IEEE 802.3af Type 1 Class 3 - Maximum load on outputs 10 W or 14-30 V DC Maximum load on outputs 24W.
Consumption	Typically1,4 W (typically 60 mA at 24 VDC) Max 1.9 W (75-80 mA at 24 VDC)
DC output	For powering auxiliary equipment. 5 * 12 V DC max load 1800 mA If powered over Ethernet: 24 V DC output max load 900 mA

TechPoint Technical Specifications

Network & Protocols	
Security	IP address filtering; HTTPS encryption; Password protected user levels; IEEE 802.1X network access control, TLS 1.3
Protocols	IPv4, IPv6, HTTP, HTTPS, SSL, SFTP, SMTP, SNMP, DNS, SNTP
Operation and Test	
Operation Conditions	0° to 50°C Humidity 20 – 80% RH (non-condensing)
Environmental Tests	Below specific tests performed in the DIN EN 60068-2 series: -1: Cold. -5°C/ 16h -2: Dry heat. 40°C / 16h -6: Vibration transport simulation -14: Change of temperature Long term storage. -25°C to 70°C / 95% r.h. / 5 days Temp. Change. -25°C to 40°C / 3 cycles / 1 day -27: Shock test -30: Cyclical humid heat. 25°C - 40°C/ 95% RH/ 2 days -32: free-fall drop -38: Temperature/humidity cyclic. -5°C - 40°C/ 95% RH / 3 days
Protection Class	IP 20
General	
CPU & Memory	ARM Cortex A8 128 MB DDR2 RAM-(prepared for 256 MB), 8GB Flash Support for Micro SD flash card. Configuration data backup at connection board.
Connectors	RJ45 10 Base 12 terminal blocks: 8* Door environment, 2* RS485, Jumper for 12/24 VDC out, 1* Additional Output, 1* 2/24VDC
Cable	LAN: Cat 6 shielded twisted pair (STP). RS485: Twisted Pair Cable Shielded, 4 pair, AWG 24
Dimensions	Depth: 50 mm, Width: 140 mm, Height: 210 mm
Weight	0,650 kg.
Casing	Aluminum painted RAL 9002 and RAL 9006
Tamper	Optical tamper on removal of top enclosure Optional: Wall tamper.
Mounting	Wall mounting. DIN rail mounting available as an option

Documentation	
Standard and Guidelines	EMC directive 2014/30/EU - Electromagnetic Compatibility RoHS directive 2011/65/EU - Restriction of Hazardous Substances LVD directive 2014/35/EU - Low Voltage Directive
Labelling	CE ROHS WEEE
Applicable documents	TechSolutions Declaration of Conformity DoC_TP_062025 Installation guide TechPoint V7 Installation guide TechPoint Master-Slave TechPoint Data Sheet DS EN R14