X1 vs PDK Comparative Analysis

Delivering scalable access control requires the ability to be flexible and meet a wide variety of customer requirements. While the PDK RED and DMP X1 Access Control systems both provide customers with flexible options, the X1 platform from DMP stands out as a forward-thinking, streamlined solution designed with alarm dealers and system users in mind.

From a system design perspective, X1 has several advantages:

- Distributed system supports scalable control of doors, elevator floors, users and outputs
- Locally stored programming enables uninterrupted access control even during network outage
- Direct integration with intrusion system
- Ability to control with the same familiar interface (Virtual Keypad)

Both X1 and PDK offer onboard network communications to remote cloud management platforms, but only X1 supports applications that require other communication methods, with the option to have:

- Wi-Fi
- Cellular backup
- Cellular only

X1 is cloud managed via Dealer Admin and Virtual Keypad, the same familiar, powerful tools DMP dealers use for remote alarm system management. DMP dealers can also leverage a direct integration with XR Series systems, allowing for X1 to operate based on alarm system status and end user access permissions. An XR Series system with fire safety devices can also drive X1 in a fire emergency, such as automatically taking action to ensure customers can safely exit.

> X1 access control systems directly integrate with DMP intrusion systems, giving the ability to control both with the same powerful, familiar platform—Virtual Keypad.

For dealers looking to deliver elevator controls, X1 provides greater scalability than PDK's 20 floors, with each X1 supporting up to 90 floors, for a maximum combined floor control of 999.

With 100% in-house product testing from DMP, X1 ensures greater quality control and faster support turnaround. X1 is the superior solution, offering more reliability, scalability and flexibility to meet a variety of applications.

X1 VS PDK COMPARATIVE ANALYSIS

	Minimum Required for Install		Minimum Required for Install		
	DMP X1 Controller	**X1 Cloud Management**	**PDK CloudNode Controller**	**PDK Red1 Controller**	**Red1 Cloud Management**
Configuration and Management	Direct Wi-Fi Access Point	Dealer Admin, Virtual Keypad Browser & Mobile App	-	-	PDK.io Browser and Mobile App
Manufacturing, Development and Support	USA	USA	USA	USA	USA
Requires Central Master	No, Self-Contained Master	-	CloudNode is the Central Master	Yes	-
Included Door Count	1	-	1	1	-
Max Doors	8	1,000	1	24	1,000
Max Users	10,000	10,000	10,000	10,000	1,000,000
Max Offline Users	10,000	-	10,000	10	-
Max Groups	999	999	100	100	100
Network	Yes	-	Yes	Yes	-
Network PoE	Yes	-	Yes	Yes	-
Wi-Fi	Yes	-	No	No	-
Cellular	Yes	-	No	No	-
PNP Door Controller Discovery	Yes, Hardwired	-	Yes, WiMAC	Yes, WiMAC	-
OSDP / Wiegand	Yes	-	Yes	Yes	-
Max Readers	2 per door, in and out	2,000	2 per door, in and out	2 per door, in and out	1,000
Offline Events Stored	12,000	-	50,000	25,000	-
Included Inputs / Outputs	1 Input / 2 Outputs	125 Inputs / 999 Outputs	No	2 Inputs / 2 Outputs	1,000
Max Elevator Floors	90	999	20	20	20
Remote Management	Yes	Virtual Keypad Browser and Mobile App	Yes	Yes	PDK.io Browser and Mobile App
Power Supply	Class 2 Plug-in Transformer	-	Class 2 Plug-in Transformer	Class 2 Plug-in Transformer	-
Video Support	Yes	IP Cameras and Integrations	Yes	Yes	IP Camera Integrations
Intrusion Integration	Yes, XR Users and Area-Level Status Controls	Yes, XR Users and Area-Level Status Controls	No	No	No
Integrated SSO/ADS	Yes	Yes	Yes	Yes	Yes
Base Price	$391	$0	$535	$337	$0
Service Price	-	Per Door	-	-	Per Reader
Credential Support	Pincode, Card, Fob, Mobile, Patch, Wearables	Pincode, Card, Fob, Mobile, Patch, Wearables	Pincode, Card, Fob, Mobile, Patch, Wearables	Pincode, Card, Fob, Mobile, Patch, Wearables	Pincode, Card, Fob, Mobile, Patch, Wearables

LT-3063/25 | 7/3/2025