

XPass 2

Outdoor Compact RFID Device



XPass 2 is an outdoor compact RFID device based on Suprema's state-of-the-art RFID technology and multi-hardware platform. With the multi-form factor technology, mullion-type, gangbox-type, and gangbox keypad-type are all supported which provides perfect installation in various environments. XPass 2 also supports dual-frequency (125kHz / 13.56MHz) RFID technology and can read the mobile cards using NFC and BLE, the latest mobile communication technologies. Packed in a rugged IP65/IP67 rated dust & waterproof performance as well as IK08 rated vandal-proof structure, suitable for tough environment and outdoor installation.

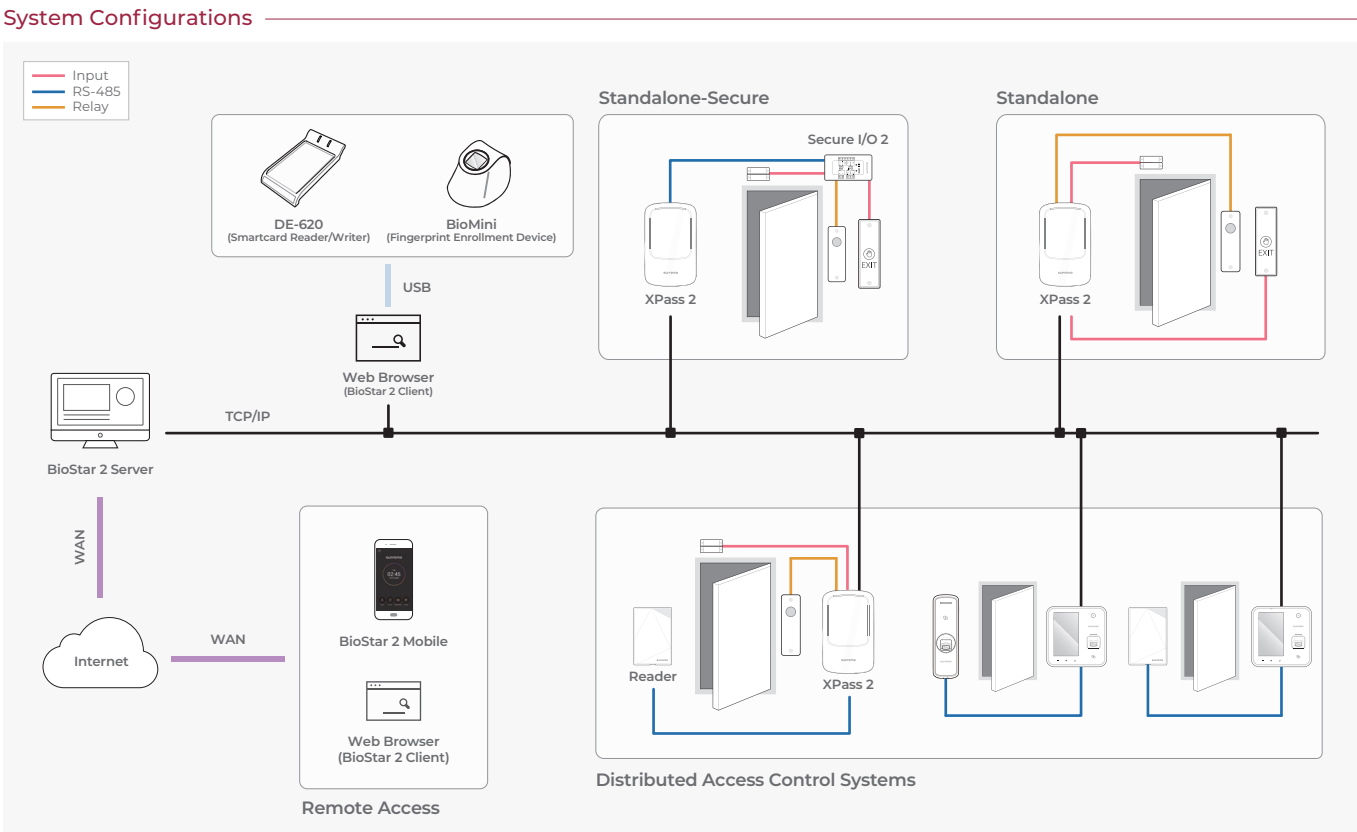
suprema
SECURITY & BIOMETRICS

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Features	Specifications																																																																																																																								
 Mobile Access	<table><tr><th>Model Name</th><th>XP2-MDPB</th><th>XP2-GDPB</th><th>XP2-GKDPB</th><th>XP2-MAPB</th></tr><tr><td>RF Option</td><td colspan="3">125kHz EM & 13.56MHz MIFARE, MIFARE Plus, DESFire, DESFire EV1/EV2/EV3¹⁾, FeliCa</td><td>125kHz EM, HID Prox & 13.56 MHz MIFARE, MIFARE Plus, DESFire, DESFire EV1/EV2/EV3¹⁾, FeliCa, iCLASS SE/SR/Seos</td></tr><tr><td>CPU</td><td colspan="4">1 GHz</td></tr><tr><td>Memory</td><td colspan="4">4GB Flash + 64MB RAM</td></tr><tr><td>Max. Users</td><td colspan="4">200,000</td></tr><tr><td>Max. Text Logs</td><td colspan="4">1,000,000</td></tr><tr><td>Mobile card</td><td colspan="4">NFC, BLE</td></tr><tr><td>Ingress Protection</td><td colspan="4">IP65, IP67</td></tr><tr><td>Vandal Proof</td><td colspan="4">IK08</td></tr><tr><td>Installation type</td><td>Mullion</td><td colspan="2">Gangbox</td><td>Mullion</td></tr><tr><td>PIN</td><td>-</td><td colspan="2" rowspan="12">- Supported (Keypad 3x4)</td><td>-</td></tr><tr><td>Ethernet</td><td colspan="4">Supported (10/100 Mbps, auto MDI/MDI-X)</td></tr><tr><td>RS-485</td><td colspan="4">1ch Host or Slave (Selectable)</td></tr><tr><td>RS-485 Communication Protocol</td><td colspan="4">OSDP V2 compliant</td></tr><tr><td>Wiegand</td><td colspan="4">1ch In or Out</td></tr><tr><td>TTL Input</td><td colspan="4">2ch Input</td></tr><tr><td>Relay</td><td colspan="4">1 Relay</td></tr><tr><td>PoE</td><td colspan="4">Supported (IEEE 802.3af compliant)</td></tr><tr><td>Sound</td><td colspan="4">Multi-tone buzzer</td></tr><tr><td>Operating Temperature</td><td colspan="4">-35 °C ~ 65 °C (-31°F ~ 149°F)</td></tr><tr><td>Operating Humidity</td><td colspan="4">0% ~ 95%, non-condensing</td></tr><tr><td>Power</td><td colspan="4">DC 12V 0.5A, DC 24V 0.3A</td></tr><tr><td>Dimensions (WxHxD, mm)</td><td>48 x 144.7 x 27</td><td colspan="2">80 x 130 x 25</td><td>48 x 144.7 x 27</td></tr><tr><td>Certificates</td><td colspan="2">UKCA, KC, FCC, IC, RCM, BIS, SIG, RoHS, REACH, WEEE, ETL Listed to UL 294</td><td>UKCA, KC, FCC, IC, RCM, BIS, SIG, TELEC, RoHS, REACH, WEEE, ETL Listed to UL 294</td><td>UKCA, KC, FCC, RCM, SIG, RoHS, REACH, WEEE</td></tr></table>	Model Name	XP2-MDPB	XP2-GDPB	XP2-GKDPB	XP2-MAPB	RF Option	125kHz EM & 13.56MHz MIFARE, MIFARE Plus, DESFire, DESFire EV1/EV2/EV3 ¹⁾ , FeliCa			125kHz EM, HID Prox & 13.56 MHz MIFARE, MIFARE Plus, DESFire, DESFire EV1/EV2/EV3 ¹⁾ , FeliCa, iCLASS SE/SR/Seos	CPU	1 GHz				Memory	4GB Flash + 64MB RAM				Max. Users	200,000				Max. Text Logs	1,000,000				Mobile card	NFC, BLE				Ingress Protection	IP65, IP67				Vandal Proof	IK08				Installation type	Mullion	Gangbox		Mullion	PIN	-	- Supported (Keypad 3x4)		-	Ethernet	Supported (10/100 Mbps, auto MDI/MDI-X)				RS-485	1ch Host or Slave (Selectable)				RS-485 Communication Protocol	OSDP V2 compliant				Wiegand	1ch In or Out				TTL Input	2ch Input				Relay	1 Relay				PoE	Supported (IEEE 802.3af compliant)				Sound	Multi-tone buzzer				Operating Temperature	-35 °C ~ 65 °C (-31°F ~ 149°F)				Operating Humidity	0% ~ 95%, non-condensing				Power	DC 12V 0.5A, DC 24V 0.3A				Dimensions (WxHxD, mm)	48 x 144.7 x 27	80 x 130 x 25		48 x 144.7 x 27	Certificates	UKCA, KC, FCC, IC, RCM, BIS, SIG, RoHS, REACH, WEEE, ETL Listed to UL 294		UKCA, KC, FCC, IC, RCM, BIS, SIG, TELEC, RoHS, REACH, WEEE, ETL Listed to UL 294	UKCA, KC, FCC, RCM, SIG, RoHS, REACH, WEEE
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 Homing bump on keypad for the visually impaired																																																																																																																									

¹⁾ DESFire EV2/EV3 cards are supported by having backward compatibility of DESFire EV1 cards. CSN and smart card functions are compatible with XPass 2.



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