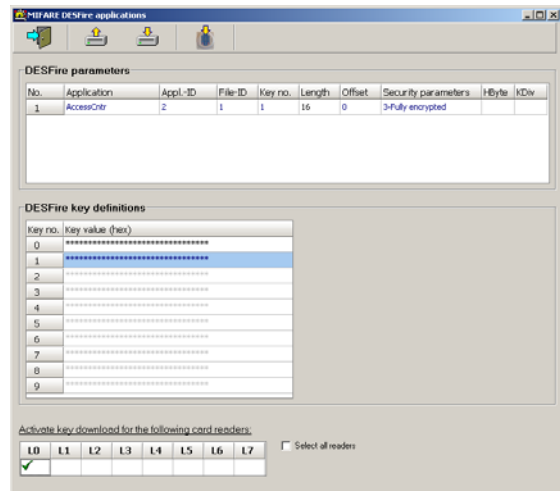



High level of security with Mifare® DESFire



Dear Sirs,





Through the implementation of Mifare DESFire in our access and time recording readers, products for highest security measures within the access control have been developed. These new card readers read memory information of Mifare DESFire EV1 badges, while using the high quality AES-128 Bit encoding for the authentication and during data transmission. The application of the encoding mechanisms AES and Blowfish, recognized all over the world, guarantee a very safe data transmission from the badge via the card reader, the door controller and the network to the BABYLON server. The readers are well prepared for the changeover from Mifare Classic to Mifare DESFire (migration), as the MIFARE Classic functions now as before are available and can be deactivated after the changeover.

For technical details please see our data sheet.

Article number	Function
 <p>XMP-TMC2252*</p>	<p>13,56MHz MIFARE®-DESFire card reader without PIN-code keyboard for connection to access controller. Reads serial number (UID) and memory information (AID, File-ID) from MIFARE-DESFire EV1 badges (2K, 4K, 8K) with AES 128bit encoding and MIFARE-Classic (sector, block) cards, sector key downloadable, and anti-collision feature.</p> <p>Additional functions like XMP-TMC2250.</p> <p>XMP-TMC2252 (TMC2252, colour silver similar RAL9006/9007)</p> <p>XMP-TMC2252-S (TMC2252, colour black)</p> <p>XMP-TMC2252-65 (TMC2252, but protection class IP65)</p> <p>XMP-TMC2252-S65 (TMC2252-S, but protection class IP65)</p>


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Article number	Function
 <p>XMP-TMC2262</p>	<p>Like XMP-TMC2252, but with PIN-code keyboard</p> <p>XMP-TMC2262 (TMC2262, colour silver similar RAL9006/9007)</p> <p>XMP-TMC2262-S (TMC2262, colour black)</p> <p>XMP-TMC2262-65 (TMC2262, but protection class IP65)</p> <p>XMP-TMC2262-S65 (TMC2262-S, but protection class IP65)</p>
 <p>XMP-TMC2452</p>	<p>13,56MHz MIFARE®-DESFire card reader without PIN-code keyboard for connection to access controller. Reads serial number (UID) and memory information (AID, File-ID) from MIFARE-DESFire EV1 badges (2K, 4K, 8K) with AES 128bit encoding and MIFARE-Classic (sector, block) cards, sector key downloadable, and anti-collision feature.</p> <p>Additional functions like XMP-TMC2450.</p>
 <p>XMP-TMC2462</p>	<p>Like XMP-TMC2452, but with PIN-code keyboard.</p>
 <p>XMP-TMC280x-MIF2</p>	<p>TMC2801 Terminal for connection to access controller. Without numerical PIN-code keyboard, without display.</p> <p>Technical data: RS485 interface , BPA9/Secucrypt® protocol Power supply: 11-24 V AC/DC Status display via LEDs, 1x beeper, Sabotage contact 256 kB flash memory, 20 kB CMOS RAM Housing ABS, protection class IP54 Dimensions : W x H x D = 73 x 213 x 58 mm Colour: similar RAL9006/9007 silver</p> <p>XMP-TMC2801-MIF2 (TMC2801 with MIFARE-DESFire read head)</p> <p>XMP-TMC2802-MIF2 With PIN-code keyboard, without display. (TMC2802 with MIFARE-DESFire read head)</p> <p>XMP-TMC2803-MIF2 With extended PIN-code keyboard and fluorescent-display. (TMC2803 with MIFARE-DESFire read head)</p>

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Article number	Function
 <p>XMP-TMC280x-FP-MIF2</p>	<p>TMC2801 biometric reader with optical fingerprint sensor for connection to access controller. Verification or identification feature.</p> <p>Technical data: Base data like XMP-TMC2501, fingerprint module included Supports ISO templates</p> <p>XMP-TMC2801-FP-MIF2 (TMC2801 with MIFARE-DESFire read head)</p> <p>XMP-TMC2802-FP-MIF2 With PIN-code keyboard, without display. (TMC2802 with MIFARE-DESFire read head)</p> <p>XMP-TMC2803-FP-MIF2 With extended PIN-code keyboard and fluorescent-display. (TMC2803 with MIFARE-DESFire read head)</p>
<p>XMP-TMC-DESF</p>	<p>DESFire upgrade for Mifare-Classic readers TMC2x5x / TMC2x6x / TMC280x-MIF</p>

For any further question please do not hesitate to contact us.

Yours sincerely,

Your AUTEC - Team

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