

# Door Controller K32Lite for rack server




Dear Sirs,

We are pleased to inform you that as of now the new powerful controller XMP-K32L-19 for access control with 32-bit processor and integrated Linux operating system is available. The low U1 design now allows a space-saving and convenient installation in standard 19-inch cabinets. The control and monitoring of doors, gates or sluices are managed entirely by the K32L-19 with its 8 digital outputs and 16 analog inputs included. Most applications do not require any additional door modules (RIM). Many reading methods as well as interfaces to biometric systems such as fingerprint, hand veins and iris recognition are integrated. Furthermore the controller supports long range readers of different manufacturers and car plate recognition systems (ANPR). To increase security in access control systems the powerful “anti-pass-back” feature is integrated in the K32L to avoid badges to be “passed pack” to other persons attempting to gain access.

## Main Features:

- Up to 250.000 badges in offline mode
- Up to 50.000 zones (access profiles)
- Up to 8 readers connectable
- Up to 4 IP network cameras connectable
- 8 outputs and 16 inputs integrated
- Expandable to 232 outputs and 304 inputs
- Definition of up to 64 local routines
- Inputs are supervised against fault shorted, fault open
- 10/100 MBit Ethernet interface
- Downloadable operating system and applications (routines)
- Service friendly connection technology
- Real time LINUX operating system
- Blowfish and AES encryption 256 Bit

Article number	Functions
 <p><b>XMP-K32L-000-19</b></p>	<p><b>XMP-K32lite-000-19 inches</b>  <b>32 bit door controller in 1U housing with integrated 12 V power supply for 4 card readers / door openers and up to 7 Ah UPS control unit for externally connectable batteries.</b> Up to <b>15.000</b> badges and up to <b>25.000</b> access profiles downloadable, offline memory for up to <b>50.000</b> bookings.</p> <p><u>Technical data:</u></p> <ul style="list-style-type: none"> <li>• Firmware update vie host</li> <li>• Up-and download of parameter values and attributes</li> <li>• Elevator control depending on profiles for up to 192 floors with KDA24</li> <li>• Real time-LINUX operating system</li> <li>• Two voltages for relays adjustable</li> <li>• 16 extension modules KDM16 and 8 KDA24 connectable to second RS485 interface</li> <li>• 16 supervised inputs with four states: Normal, Alarm, fault shorted, fault open</li> <li>• 8 digital relay outputs (relay 5 A max. / 250 V AC)</li> <li>• 100 MHz 80486 compatible CPU 32 bit</li> <li>• 64 MB main memory (RAM)</li> <li>• 1 GB micro SD memory card</li> <li>• High quality 192 bit Blowfish or AES encryption</li> <li>• Global anti-pass-back feature</li> <li>• 1U 19" housing (W x D x H = 440 x 385 x 44 mm)</li> </ul>
<p><b>XMP-K32L-002-19</b></p>	<p>Like <b>XMP-K32L-000-19</b>, but with <b>24V power supply and up to 2,9 Ah UPS control unit for externally connectable batteries.</b></p>
<p><b>XMP-K32L-010-S</b></p>	<p><b>Software extension to max. 250.000 persons and 50.000 profiles.</b> (Feature 1)</p>
<p><b>XMP-K32L-011</b></p>	<p><b>Software extension for 8 readers.</b> (Feature 2)</p>
<p><b>XMP-K32L-012</b></p>	<p><b>Alarm forwarding via eMail / SMS.</b> (Feature 3)</p>
<p><b>XMP-K32L-102</b></p>	<p><b>Customer software protection.</b>                      Special flag for individualisation of access-controllers. Only an identical CPID (Customer Protection ID) of host (Dongle) and controller opens communication.</p>

Article number	Functions
<b>XMP-K32L-103</b>	<b>Interface to car plate recognition.</b> (Feature 4)
<b>XMP-K32L-104</b>	<b>FacePASS interface resp. universal interface to biometric systems of third-party suppliers via LAN.</b> (Feature 5)
<b>XMP-K32L-106-S</b>	<b>Picture storage software.</b> (Feature 6) Event triggered picture storage on the K32L-19-MicroSD card. Per K32L-19 up to 4 network cameras connectable. Storage capacity for 20000 pictures.
<b>XMP- K32L-107</b>	<b>PalmVein.</b> (Feature 7) Release for up to 4 PalmVein card readers.
<b>XMP-K32L-108</b>	<b>UFR (Universal Foreign Reader) reader protocol.</b> (Feature 8, REDELEC, Feig UHF (AES encrypted), HID-HADP, DEBUS)
<b>XMP-K32L-109</b>	<b>Visonic interface</b> (Feature 12, long range reader, attendance check in elevators, sluices, counter display on video monitor)
<b>XMP-K32L-110</b>	<b>Write offline data of third-party systems on card.</b> (Feature 11, i.e. access on card for Dorma cylinders)

**If you have any further questions, please do not hesitate to contact us.**

**Yours sincerely,**

**Your AUTECH - Team**

