



# TELETASK

trendsetter in domotics



## PICOS CENTRAL UNIT DIN-RAIL CENTRAL UNIT

***If your project is up to 24(40) relay contacts and 12(16) light dimmer circuits and up to 8(12) curtain motors, the PICOS central unit is the perfect solution. PICOS will make your project a SMART project within your budget. And if you need more in a second phase of your project, extension possibilities are widely available by connecting multiple PICOS units.***

Thanks to the DoIP concept, smart homes equipped with PICOS are connected with the TELETASK Cloud services and offer app-based control on mobile devices like smart phones and tablets from anywhere in the world.

Application: PICOS is the heart of state-of-the-art smart houses, apartments and luxury hotel rooms. It is designed to be installed in compact environments, often as part of a larger project/building.

### **PICOS DOIP: IP-INTEGRATED DOMOTICS OF THE SECOND GENERATION**

DoIP stands for "Domotics over IP": by default the PICOS central unit is equipped with an ethernet connection, still worldwide leading and open communication standard. It is universal, brand independent, has high reliability and very high speed, has a structured approach and it is price effective.

The DoIP concept enables the integration of other systems over your LAN network. More and more systems like audio, video, heating, cooling, alarm systems, cameras and many other appliances, are equipped with an IP connection. Thus, TELETASK's second generation home automation brings new solutions and is completely future-proof.

With your smart home connected to the internet, your mobile devices become a powerful interface to integrate all lights, temperatures, gates, doors, curtains, blinds, music, voice assistants, cameras and much more. Because of the highly secure TELETASK Cloud services, this is possible from anywhere on the Globe.

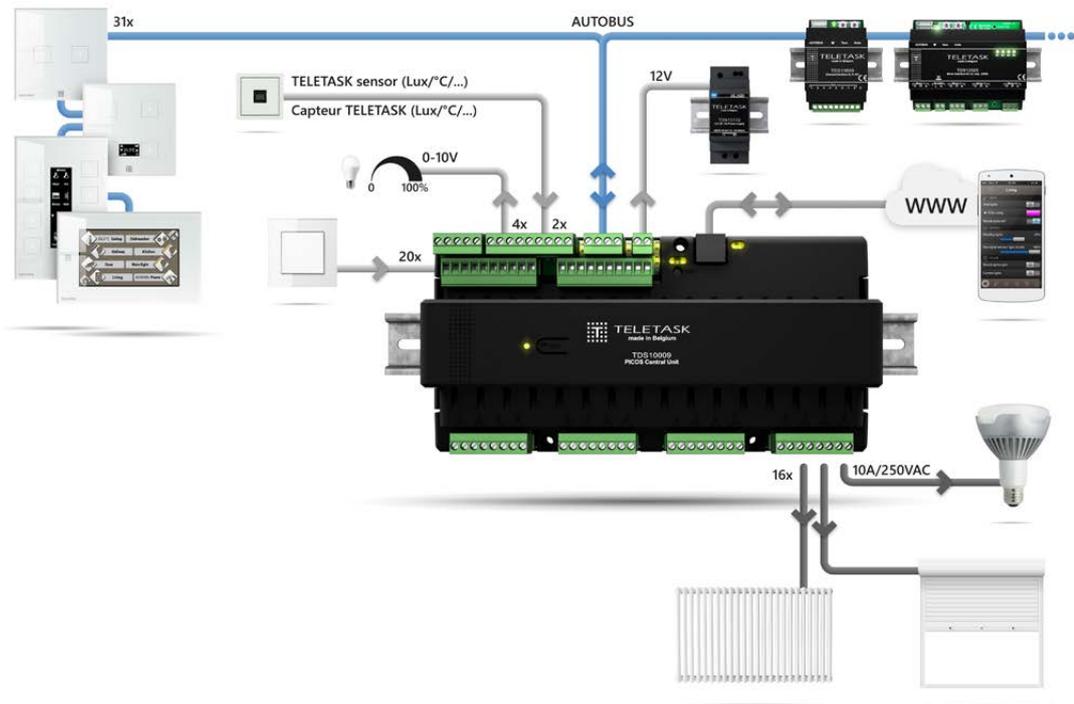
With the (optional) REMOTE SERVICES subscription, your installation can be reconfigured and diagnosed anytime from anywhere.

The PICOS stands for comfort, security, quality and flexibility. Even the most basic TELETASK home automation solution supports every possible domotics function. When your needs start growing, the TELETASK DoIP solutions can be modularly extended. If your project is larger than the PICOS capacity, multiple PICOS systems can be linked with each other or you can go for a combination of NANOS or MICROS+ - based installation where hardly no limits apply.





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Type	PICOS	Extension on AUTOBUS**	Total
Relays	16	8 (1x TDS13510 or TDS13512 or TDS13611)	24
Dimmers	4	8 (1x TDS13611 or TDS13610 or TDS13621****)	12
Motors	0****	8 (2x TDS13525 or TDS13526)	8

OUTPUTS ON BASIC PICOS TDS10009: MAX. TOTAL 44

Type	PICOS	Extension on AUTOBUS**	Total
Relays	16	24 (3 x TDS13510 or TDS13512 or TDS13611)	40
Dimmers	4	12 (e.g. 3 x power dimmer TDS13634 or TDS13644 or TDS13611 + 1 x power dimmer or 12 x DALI address)	16
Motors	0****	12 (3x TDS13525 or TDS13526)	12

OUTPUTS WITH PICOS+ LICENSE TDS15009: MAX. TOTAL 68

\*\* The AUTOBUS has a capacity of up to 31 interfaces (one physical interface may occupy more than one address).

\*\*\* The TDS13621 interface is limited to 8 DALI or 8 DMX output channels on the PICOS.

\*\*\*\* The internal relay outputs of the PICOS can also be used as motor controls (curtains, shades, ...) (2 relays to be used per motor).

E.g.: 1x TDS13510 + 1x TDS13526 + 1x TDS13611 + 3x TDS12117 + 25 AURUS touch panels = 31 interfaces

TELETASK offers this modular approach to all its worldwide customers, for more than 30 years in over 40 countries.

### TECHNICAL

The PICOS TDS10009 unit with external interfaces can have up to 24 relay outputs, 12 dimmer outputs and 8 for motors.

If you add the PICOS+ extension license TDS15009, you can add 16 relays, 4 dimmers and 4 motor control outputs. Adding in total 24 output controls results in total 68 outputs, being 40xR/16xD/12xM.

The PICOS central unit has both an AUTOBUS and an ethernet connection. The AUTOBUS connection can contain up to 31 AUTOBUS interfaces. An AUTOBUS network can measure up to 1 km. Up to 10 PICOS central units can be connected to each other over a LAN and behave like one system. But it can also be any combination of up to ten different DoIP central units. In such case, several thousands of lights, motors, temperature zones, etc... can be managed.

TELETASK DoIP: From a small luxury flat or hotel room, up to the largest villa, a huge castle or palace, for an office building or a hotel, DoIP is the ideal solution. Everything is in reach with one concept, the TELETASK 'DoIP' concept.

The PICOS comes with the latest PROSOFT SUITE, offering the most recent features, log memory, powerful diagnostics for local and (optional subscription) remote management... The system integrator doesn't need to be

on-site to offer support to his customers. The standard ethernet connection offers the possibility to connect his PC to the customer's LAN. Thanks to DoIP, a fast, reliable and affordable aftersales service is available.

PICOS is compatible with all former TELETASK solutions. This means that an existing TELETASK installation, even if it is 35 years old, can be upgraded to the latest features. Configuration Software upgrades are available on a regular basis.

PICOS will make the life of the system integrator easier than ever before. Including guaranteed highest quality and reliability. The advantage of the used microprocessor is the extreme low power consumption, which results in low temperature electronics with a life span of several decades, even when powered 24h/day. PICOS needs no maintenance and is made to last for more than 30 years.

Remark: TELETASK recommends to replace the system power supply every 7 years. This is a very limited cost only.

In short, PICOS stands for a satisfied customer.

### ORDER CODE:

TDS10009: PICOS central unit (24xR + 12xD + 8xM)

TDS10132: 12V DC 2A Power supply

TDS15009: PICOS+ extension license (+16xR +4xD +4xM)