



TELETASK

trendsetter in domotics



PICOS CENTRAL UNIT DIN-RAIL CENTRAL UNIT

If your project is up to 24 relay contacts and 12 light dimmer circuits and up to 8 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 systems.

Thanks to the DoIP concept, smart houses equipped with PICOS are connected with the worldwide web and offer app-based control on mobile devices like smart phones and tablets.

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. Ethernet is THE worldwide, open communication standard. It is universal, brand independent, has high reliability and very high speed, a structured approach and it is most 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.

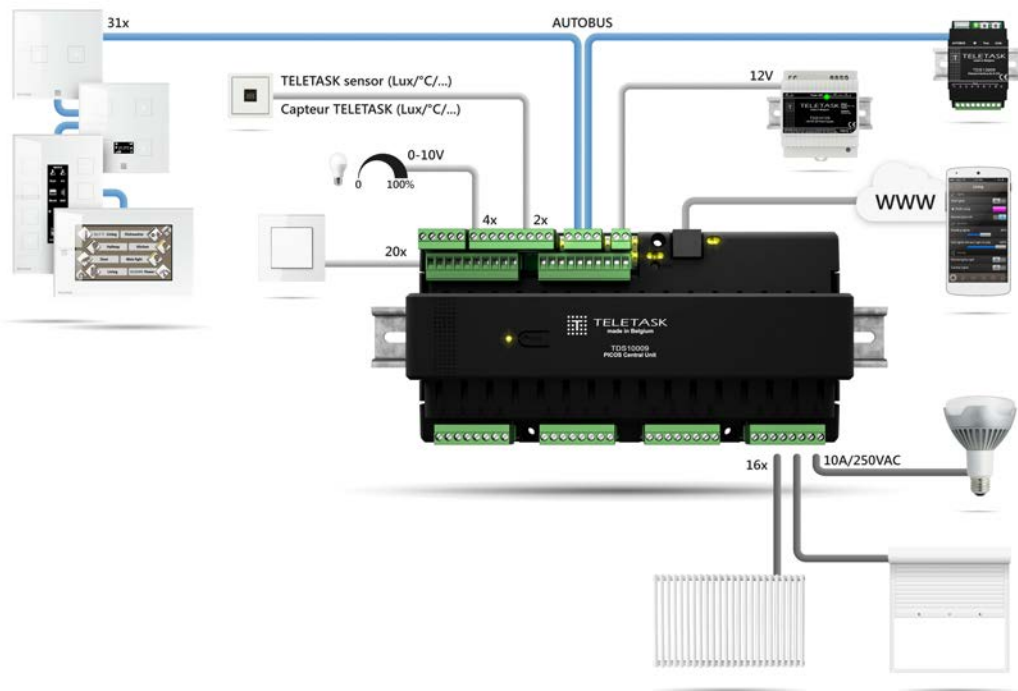
Furthermore, your smart home is via the default Ethernet connection immediately connected to the internet. Now, your smart- and mobile devices become a powerful interface to verify and control all lights, temperatures, gates, doors, curtains, blinds, audio, cameras and much more. You can manage your home or office from your smartphone, tablet or PC wherever you are on the globe.

The PICOS stands for comfort, security,





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**CENTRAL UNIT
COMPARISON TABLE**

	NANOS	MICROS+	PICOS
Max. number of AUTOBUSES	4*	4*	1
Max. number of linked DoIP central units	10	10	10
Relays (internal)	-	24	16
Dimmers outputs 0-10V (internal)	-	8	4
Motors (internal)	-	0**	0**
Digital inputs (internal)	-	32	20
TELETASK sensor inputs (internal)	-	2	2
Max. number of touchpanels + 'Input' + 'Output' interfaces on AUTOBUS***	124	124	31****
Max. number of total inputs (internal + extensions on AUTOBUS)	500	500	500
Max. number of total outputs (internal + extensions on AUTOBUS)	500	500	*****

* The NANOS and MICROS have 2 AUTOBUS connections (extendable to 4 using the TDS10202 extension interface)
 ** The internal relay outputs can also be used as motor controls (curtains, shades, ...) (2 relays to be used per motor).
 *** Each AUTOBUS has a capacity of up to 31 interfaces (one physical interface may occupy more than one address).
 **** See datasheet of the PICOS for more details
 ***** 24 relay outputs, 12 dimmer outputs, 8 motor outputs

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 modular extended. If your project is larger than PICOS capacity goes, 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.

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

TECHNICAL

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 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 fully compatible with all former TELETASK solutions. This means that every existing TELETASK installation, even if it is more than 30 years old, can be upgraded with the newest features. 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 intern 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. No surprises.

ORDER CODE:

- TDS10009: PICOS central unit
- TDS10129: 12V DC 2A Power supply

