TELETASK
trendsetter in domotics

TDS12110xx

SERVUS

SERVUS is a high end AUTOBUS interface with colour LCD touch screen. SERVUS enables you to control all domotic functions. In user friendly and well designed interactions screens you get access to the control buttons for lighting, heating, curtains, moods, audio... but also to the built in high-tech applications as TV- and radio tuner, microphone, speaker, speech generation. Besides this, SERVUS is also applicable as the internal video door phone interface with a video memory up to 30 camera captures included.

The menu-bars and the text on the buttons can be configured with the PROSOFT software suite. In this way SERVUS is completely adaptable to the customer and his home environment.

Application:		User interface for the control of all domotic functions and the integration of the video door phone system with built-in radio and TV.
Characteristics:	LCD	Full VGA colour 6.5" TFT LCD; top view with touch screen.
	TDS12110GL	Glass front with white back coating TV tuner compatible to European PAL Supports all European character sets including Greek, Latvian…
	TDS12110ST	Brushed stainless steel front TV tuner compatible to European PAL Supports all European character sets including Greek, Latvian…
	TDS12110HG	Glass front with white back coating TV tuner compatible to Asian PAL Supports Chinese language character set
	TDS12110HS	Brushed stainless steel front TV tuner compatible to Asian PAL Supports Chinese language character set
	TDS12110AG	Glass front with white back coating TV tuner compatible to NTSC Supports all European character sets including Greek, Latvian…
	TDS12110AS	Brushed stainless steel front TV tuner compatible to NTSC Supports all European character sets including Greek, Latvian…
Settings:	AUTOBUS address	Through software (Via the "configuration" menu of SERVUS)
	Programming	With PROSOFT Suite
Installation:	Wall Mounting	Special wall box TDS90050 is needed
	Height:	Built in the bottom of the wall box on 135 cm till

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145 cm from the ground level.

Connections:	AUTOBUS	By enclosed AUTOBUS connection set; maximum 25m AUTOBUS length between the power supply and the SERVUS.
		!!! Always connect the shielding of the AUTOBUS cable to the fast-on lip located on the SERVUS.
	Analogue line	By means of a RJ11 connector.
	Ethernet	By means of a RJ11 connector.
	External camera	By enclosed BNC connector; 4 pieces.
		Important remark: The selection of your camera is important to guarantee a perfect image on the SERVUS unit(s). The sensitivity for dark environmental conditions may be important to think about. If the camera is directed to string opposite light sources like the sun or other light (drive way light spots…), the camera should be provided with an auto iris function. Otherwise your image may be influenced and not usable any more. Anyhow, opposite light sources should be avoided as much as possible.
		Therefore we recommend to refer to your camera supplier to be sure you select the right camera.
	TV & Radio	by enclosed COAX connectors.

Power Consumption:		Max. 1450 mA

Dimensions:	Front	268 W x 268 H x 10 D (mm)
	Built-In	225 W x 220 H x 60 D (mm)

Gross Weight:		3,440 kg

Schematic Drawing:

TDS 12110

IR receiver

special process port
do not connect

Reset button

on ON DIP
1 2 3 4
RS-232

processor LED
2.5V LED

TV/radio tuner
2x coax connector

Protected Earth

ethernet
connector
ethernet communication LED

camera 1 BNC connector

camera 2 BNC connector

camera 3 BNC connector

camera 4 BNC connector

term. resistor autobus

autobus
connector

extern LED
12V LED

(door)phone
connector

5V intern LED
3.3V LED

TV

radio

shielding

AUTOBUS

	OFF	**ON**
DIP1	always OFF	
DIP2	always OFF	
DIP3	normal operation	no operation
DIP4	normal operation	boot loader