

TDS20065

Universele HVAC Master op LAN

TDS20065 is een interface voor sturing van HVAC systemen. Afhankelijk van het merk en type toestel, kan de interface ingesteld worden om tot 64 binnen toestellen te sturen.

De TDS20065 wordt geleverd met een Airco software licentie TDS15200.

Zie de lijst van ondersteunde HVAC toestellen in deze datasheet.

Als uw toestel niet in de lijst staan, neem dan contact op met uw TELETASK-leverancier.

Opmerking: Voor Fujitsu (General) is er een adapter TDS20066 nodig.

TOEPASSING

Interface voor de sturing van VRV/VRF HVAC en Warmtepomp systemen.

KENMERKEN

Ondersteunde merken

- Airwell
- AUX
- Blue Star
- Chigo (CG)
- Daikin (DK)
- Fujitsu (General) (FJ) *
- Gree (GR)
- Haier (HR)
- Hitachi (HT)
- Intensity (MD)
- Kentatsu (KT)
- LG (LG)
- Midea (MD)
- Mitsubishi Electric (ME)
- Mitsubishi Heavy (MH)
- Panasonic (PN)
- Samsung (SM)
- Sanyo (SA)
- Toshiba (TO)
- Trane (TR)
- York (YK)

* Voor Fujitsu (General) is er een adapter TDS20066 nodig.

Functionaliteiten

Ondersteunde functionaliteiten (Afhankelijk van het aangesloten HVAC systeem):

- Temperatuur instelling
- Gemeten kamertemperatuur
- 5 Bedrijfsmodi: Koelen, Warmen, Auto, Drogen, Ventilieren
- Ventilatiesnelheidsregeling (Auto, Laag, Medium, Hoog)

Display

Kleuren display met aanraakscherm voor systeem instellingen.

INSTELLINGEN

Configuratie

Via PROSOFT Suite 3.6.22 of hoger.

Netwerk configuratie

Via het display

Ingebouwde DIP switches

Zie Quick installation guide.

INSTALLATIE

DIN-rail montage

9 modules breed.

HVAC merk specifieke afstandsbediening (het bedieningspaneel op de muur).

Voor onderhoudsredenen is het aanbevolen om een merk specifieke afstandsbedieningspaneel te voorzien. Zo is de HVAC techniek in staat om zijn systeem op de gebruikelijke wijze in te stellen zonder kennis van het TELETASK systeem (zie ook onderstaande opmerking).

AANSLUITINGEN

HVAC System bus

Zie Quick installation guide.

Voeding

9-24VDC 350mA max.

Via 2 schroefklemmen.

Een universele 110-240V 50/60Hz 12V/350mA omvormer is meegeleverd.

LAN

Ethernet aansluiting. Moet op hetzelfde LAN zitten als de TELETASK Centrale eenheid.

STROOMVERBRUIK

Max. 200mA. + optioneel 150mA voor TDS20066 (enkel voor Fujitsu)

AFMETINGEN

156 L x 90 H x 36 D (mm)

NETTO | BRUTO GEWICHT

0,270 kg | 0,580 kg

INHOUD VERPAKKING

TDS20065 interface

Universele voeding

OMGEVINGSCONDITIES

Stockage (zonder condensatie of ijsvorming)

Temperatuur: -20°C tot +65°C

Relatieve vochtigheid: 5% tot 85%

Gebruik (zonder condensatie of ijsvorming)

Temperatuur: 0°C tot +50°C max.

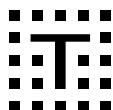
Relatieve vochtigheid: 5% tot 80%

IP BESCHERMINGSGRAAD

IP20

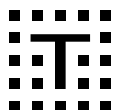
BEPERKTE GARANTIE:

2 jaar

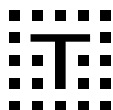


LIJST VAN COMPATIBELE TOESTELLEN:

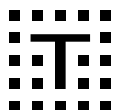
Blue Star	<u>Series</u> VRF V Plus DVRF	
Chigo	<u>Series</u> CMV-C CMV-X CMV-R CMV-II CMV-I CMV-mini <u>Outdoor VRF Unit Types</u> CMV-V CMV-D	<u>Indoor VRF Unit Types</u> CMV-Q CMV-Q1 CMV-Q2 CMV-Q4 CMV-TA CMV-TB CMV-TH CMV-TF CMV-G CMV-LD
Daikin	<u>VRV Outdoors</u> RXYQ-M/P (VRV II,VRV III) RXYQ (VRV-IV) RQYQ-P, RQCEQ (RQEQ), RYYQ-T (RYMQ), (VRV4) RQZQ-ABYN RXYK (VRV) RXYSQ-M/P (VRV Small) RXYSCQ RHYX RHYXQ RXY-M RWEYQ REYQ (REMQ), REYHQ REAQ RXYCQ-A RQQ RXYQ-T RXTQ RPZQ RZYQ-PY <u>Split / Multi Split / SkyAir Outdoors</u> RXN (RKN) RXS RXG 2MX, 3MX, 4MX, 5MX RMX, RZQ (RZR) RQ RXM60M9 *Split, Multi Split and Sky Air systems will also be compatible when using D3 Net interfaces (KRP928 or DTA112)	<u>Indoor Unit Types</u> <u>VRV Indoors</u> FJEKP FXCQ FXNQ FXLQ FXFQ FXKQ FXZQ FXDQ FXDYQ FXSQ FXAQ FXUQ FXMQ FXHQ FXTQ FQDP FQRP FQSP FZFP FZSP VKM FXDp FDYQN <u>Split / Multi Split / SkyAir indoors*</u> FTX FDX CDX CTX FVX FFQ FAQ FBQ FCQ FHQ FTQ FDQ FNQ-A FNA60A
Fujitsu (General)	<u>Outdoor Unit Types</u> AJ Please note that the TDS20065 interface is compatible only with V2 and up series and J2 series of VRF systems). For non VRF units, the control is possible through UTY-VGGX converter (if applicable for the air conditioning unit). USB adaptor is also a must. It is not supplied with the kit and must be purchased locally.	<u>Indoor Unit Types</u> AUXB AUXD ARXA ARXB ARXD ARXK AB*A AS*A AS*E
Gree	<u>Outdoor Unit Types</u> GMVL-R_W/Na-K/M GMVL-R_W/H-K/M GMVL-R_W/B-K/M GMVL-R_W/A-D GMVL-R_W/AS-F GMVL-R_W/AS-H	<u>Indoor Unit Types</u> GMV/L-R_P GMV/L-R_T GMV/L-R_G GMV/L-R_Zd GMV/L-R_Td
Haier	<u>Outdoor Unit Types</u> <u>VRF Outdoors</u> AV_NMVERA <u>Series</u> MRV-2 MRV-3 MRV-4MRV-4-C	<u>Indoor Unit Types</u> <u>VRF Indoors</u> AB_MCERA AB_MEERA AC_MCERA AC_MFERA AD_MLERA AD_MMERA AD_MHERA AS_MCERA



Hitachi	<u>Outdoor Unit Types</u> RAS-FSN RAS-FSXN RAS-FXNE Multi, Split and SkyAir systems will also be compatible when using H link adapter (PSC-6RAD)	<u>Indoor Unit Types</u> RCI RPC RPI RCD RPK RPF
Intensity	<u>Outdoor VRF Unit Types</u> MDV-W/DDN1 MDV-W/D2DN1 MDV-VW/DVN1	<u>Indoor VRF Unit Types</u> MDV-G/N1-S MDV-G-R3/QN1Y MDV-Q1/N1-C MDV-Q4/N1-D MDV-DL/N1-C MDV-T2/VN1-BA5 MDV-T1/VN1-B
Kentatsu	<u>Series</u> DX PRO 3 <u>Outdoor Unit Types</u> KTRX KTRY KTRZ KURY KURZ KTRZ	<u>Indoor Unit Types</u> KTGY KTGZ KTTY KTZX KTVY KTLY KTLZ KTKX KTTX KTTY KTHX
LG	<u>Outdoor Unit Types</u> ARUB-LT ARU ARUN-LT ARUN-GS ARUN-LR ARUN-BTE ARUV-LT ARWB-BAS ARWN-BAS	<u>Indoor Unit Types</u> ARNU-GB1G ARNU-GCEA ARNU-GSEL ARNU-GSBL ARNU-GSER ARNU-GSF ARNU-GTEC ARNU-GTJC ARNU-GB1G ARNU-GBHA ARNU-GCFA ARNU-GCFA ARNU-GBGA ARNU-GTMC ARNU-GBRA ARNU-SCR ARNU-NJA ARNU-NKA ARN ARNBG ARNL ARNTP ARNTM
Midea	<u>Series</u> V4 Plus V4 Plus S V4 Plus K <u>VRF Outdoor Unit Types</u> MDV-V MDV-W MDVC-W MV5	<u>VRF Indoor Unit Types</u> MDV-D-Q1 MDV-D-Q2 MDV-D-Q4 MDV-D-Q4-A MDV-D-T1 MDV-D-T2 MDV-D-T3 MDV-D-G NDV-D-DL MDV-D-Z
Mitsubishi Electric	<u>Series</u> CITY MULTI <u>Outdoor Unit Types</u> <u>VRF Outdoors</u> PUHY PURY PQHY PQRY PUMY <u>Split / Multi Split outdoors</u> PUHZ	<u>Indoor Unit Types</u> <u>VRF Indoors</u> PKFY PFFY-PVKM PLFY-P-VCM PEFY-P-VMS1 PFFY-P-VLRM PCFY-P-VGM PLFY-P-VLMD PEFY-P-VMM PFFY-P-VLEM PLFY-P-VBM PMFY-P-VBM PEFY-P-VMH PEFY-P-VMA PEFYP100VMA-E PVFY-P PEFY-P-VMA-E PEFY-P63VMA(L)-E <u>Split / Multi Split indoors</u> PEAD SEZ-KD
Panasonic	<u>Outdoor Unit Types</u> PACi split: ECOi VRF: U-...PE... U-...LE... U-...PZ... U-...ME... U-...MF... *Residential units also compatible: It's necessary to have CZ-CAPRA1 interface between P-Link and RAC protocol to cover basic operating items.	<u>Indoor Unit Types</u> S-...P(M)K... S-...P(M)T... S-...MK... S-...P(M)Y... S-...PE... S-...MM... S-...PN... S-...MP... S-...MD... S-...P(M)F... S-...MR... S-...ML... S-...P(M)U... S-...MG... S-...ME...

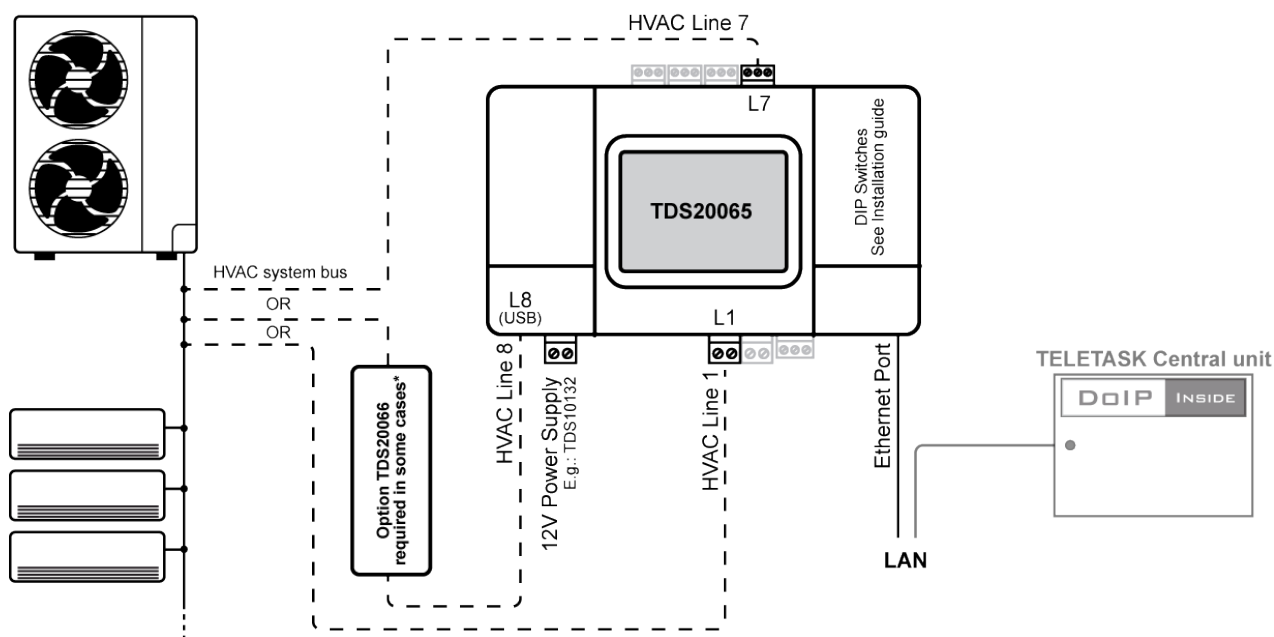


<p>Sanyo</p>	<p><u>Outdoor VRF</u> MFL EFL SPW_CO SPW-C SPW-CR SGP-EZ SGP-EW</p>	<p><u>Indoor VRF</u></p> <table border="0"> <tr> <td>NWFL</td> <td>SPW-KR</td> <td>SPWFMR</td> </tr> <tr> <td>NPFL</td> <td>SPW-U</td> <td>SPW-FR</td> </tr> <tr> <td>NDSL</td> <td>SNDHP</td> <td>SPW-UMR</td> </tr> <tr> <td>NFFL</td> <td>NPFL</td> <td></td> </tr> <tr> <td>NK2FL</td> <td>NKFL</td> <td></td> </tr> <tr> <td>SPW-X</td> <td>NDLP</td> <td></td> </tr> <tr> <td>SPW-ADR</td> <td>NFMFL</td> <td></td> </tr> <tr> <td>SPW-LDR</td> <td>SPW-XM</td> <td></td> </tr> <tr> <td>SPW-K</td> <td>SPW-SR</td> <td></td> </tr> <tr> <td>SPW-FTR</td> <td>SPW-FUR</td> <td></td> </tr> </table>	NWFL	SPW-KR	SPWFMR	NPFL	SPW-U	SPW-FR	NDSL	SNDHP	SPW-UMR	NFFL	NPFL		NK2FL	NKFL		SPW-X	NDLP		SPW-ADR	NFMFL		SPW-LDR	SPW-XM		SPW-K	SPW-SR		SPW-FTR	SPW-FUR																																																																																																																	
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<p>Toshiba</p>	<p><u>Outdoor VRF</u> MCY-MAP..HT MCY-MHP..E MMY-MAP..T8 MMY-MAP..HT8 MMY-MAP..FT8</p>	<p><u>Indoor VRF</u></p> <table border="0"> <tr> <td>MMU-AP..H</td> <td>MMD-AP..HFE</td> <td>MMD-AP..H</td> </tr> <tr> <td>MMK-AP..E</td> <td>MMU-AP..MH</td> <td>MMK-AP..H</td> </tr> <tr> <td>MML-AP..E</td> <td>MMD-AP..BH</td> <td>MMF-AP..H</td> </tr> <tr> <td>MMU-AP..YH</td> <td>MMC-AP..H</td> <td></td> </tr> <tr> <td>MMD-AP..SPH</td> <td>MML-AP..BH</td> <td></td> </tr> <tr> <td>MML-AP..H</td> <td>MMU-AP..WH</td> <td></td> </tr> </table>	MMU-AP..H	MMD-AP..HFE	MMD-AP..H	MMK-AP..E	MMU-AP..MH	MMK-AP..H	MML-AP..E	MMD-AP..BH	MMF-AP..H	MMU-AP..YH	MMC-AP..H		MMD-AP..SPH	MML-AP..BH		MML-AP..H	MMU-AP..WH																																																																																																																													
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Trane	<u>Outdoor VRF</u> 4TVH 4TVWH 4TVR	<u>Indoor VRF</u> 4TVA 4TVW 4TVX 4TVD	4TVH 4TVF 4TVG 4TVE	4TVC 4TVB

AANSLUITSCHEMA



Brand	HVAC Line #	Interface	Terminals	Polarity	Max. Indoor units	Max. Outdoor units
Daikin	L1	DIII-NET	F1 F2	none	64	10
Sanyo	L1	S-NET	U1 U2	none	64	16
Panasonic	L1		U1 U2	none	64	16
Toshiba	L1	TCC LINK	U1 U2	none	64	16
Mitsubishi Electric	L1	M-NET	M1 M2	none	50	10
Hitachi (JCI)	L1	H Link, H Link 2	1 2	none	64	10
York	L1		P Q	none	64	
Haier	L1		P Q	none	64	
LG	L7		Inter A Inter B	+ -	64	-
Gree VRF	L7		A B	+ -	16	4
Mitsubishi Heavy Industries	L7	SuperLink / New SuperLink	A B	+ -	64	10
Samsung	L7		F1 F2 / R1 R2	+ -	64	10
Midea	L7		X Y E	+ - GND	64	16
Kentatsu	L7		X Y E	+ - GND	64	16
Trane	L7		X Y E	+ - GND	64	16
Chigo	L7		X Y E	+ - GND	64	16
Fujitsu	L8 (USB)*	LON (ANSI/CEA-709.1-B)	X1 X2	none	64	10
Gree GMV5	L8 (USB)**		G1 G2		64	
Rheem	L8 (USB)*	LON (ANSI/CEA-709.1-B)	X1 X2		64	

*TDS20066 required

** Additional parts required. Contact support for more information.