∩DIVUS ®

Show it. Control it.

QUICK START GUIDE

∩DIVUS HEARTBEAT

∩DIVUS MANAGED SWITCH

DIVUS HEARTBEAT

Quick Start Guide

Package contents

- Quick Start Guide
- DIVUS MANAGER: DMANAGER
- DIVUS MANAGED SWITCH: DMS-8P-L2+
- Mounting Adapter - set
- 2x Power cable
- Adapter RJ45 on DB9
- Patch cable (purple)

Version 0117

COMMISIONING

MOUNTING

1. Install DIVUS HEARTBEAT on a 19 inch rack frame with the appropriate adapter provided. Note that the DIVUS MANAGER is mounted on top and the DIVUS MANAGED SWITCH at the bottom. The adapters must be mounted according to their inscription.

INSTALLATION & POWER CONNECTION

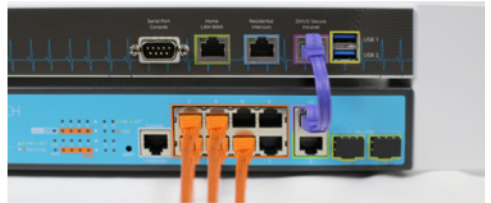Make the following connections to DIVUS HEARTBEAT:

2. Connect the devices using the provided purple patch: DIVUS MANAGER (DMANAGER) - port DIVUS SECURE INTRANET (purple) -> DIVUS MANAGED SWITCH (DMS-8P-L2+) - port 10 (purple).

3. Connect power cable to devices (100-240VAC 420W maximum power consumption at full load).
4. Turn on both devices using the power switch on the back side.

5. Connect the DIVUS products to the DIVUS MANAGED SWITCH (DMS-8P-L2+) on the POE+ ports 1-8 (orange).

FIRST CONFIGURATION

6. Connect your laptop to the DIVUS MANAGED SWITCH (DMS-8P-L2+) port 9 (green).
7. Open your browser and type in the address bar: https://xxx.xxx.xxx.xxx.
8. Complete the registration process.
9. Login.
10. Follow the guided instructions in the web interface:
    a. Adaptation of network parameters (if necessary)
    b. Network scan
    c. Report download (if necessary)

INBETRIEBNAHME

MONTAGE

1. Montieren Sie DIVUS HEARTBEAT im speziellen 19 Zoll Rack-Schrank mit Hilfe der mitgelieferten Halterungen. Beachten Sie dabei, dass sich der DIVUS MANAGER oben und der Managed Switch unten befindet. Die Adapter müssen je nach Aufschrift auf der rechten bzw. linken Seite montiert werden.

INSTALLATION & NETZANSCHLUSS
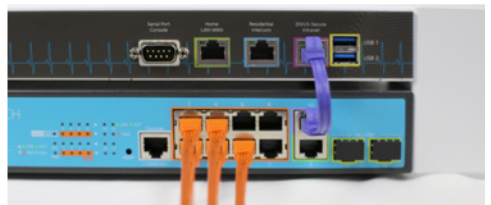
Verbinden Sie den DIVUS HEARTBEAT folgendermaßen:

2. Verbinden Sie die Geräte mit dem mitgeliefertem Patch: DIVUS MANAGER (DMANAGER) - Port DIVUS SECURE INTRANET (lila) -> DIVUS MANAGED SWITCH (DMS-8P-L2) - Port 10 (lila).

3. Schließen Sie die Geräte an das Stromnetz an (100-240VAC maximaler Verbrauch bei Volllast 420W).
4. Schalten Sie die beiden Geräte über die Schalter auf der Rückseite ein.

5. Schließen Sie die DIVUS Produkte am DIVUS MANAGED SWITCH (DMS-8P-L2+) an den POE+ Ports 1-8 (orange) an.

ERSTE KONFIGURATION

6. Schließen Sie Ihren Laptop an den DIVUS MANAGED SWITCH (DMS-8P-L2+) am Port 9 (grün) an.
7. Öffnen Sie Ihren Browser und geben Sie in der Adressleiste https://xxx.xxx.xxx.xxx ein.
8. Führen Sie die Registrierung durch.
9. Melden Sie sich im Login Fenster an.
10. Folgen Sie den Anweisungen in der Web-Oberfläche:
    a. Anpassung der Netzwerkparameter (falls erforderlich)
    b. Scannen des Netzwerks
    c. Download des Berichts (falls erforderlich)
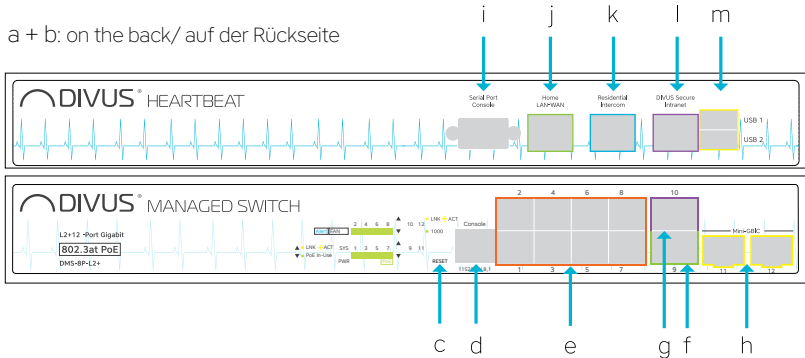
TECHNICAL DATA - TECHNISCHE DATEN

	MANAGER	MANAGED SWITCH
GENERAL HARDWARE SPECIFICATION		
Power supply	100 ... 240VAC, 50/60Hz	100 ... 240VAC, 50/60Hz
Power consumption	Max. 1A (100 VAC) /max. 0,55A (240VAC)	Max. 3A (100 VAC) / max. 1,35A (240 VAC)
	Total max. consumption 420W	
Protection grade	IP 20 according EN 60529	
Dimension (WxDxH)	330 x 200 x 43.5 mm, 1U height	330 x 200 x 43.5 mm, 1U height
	Total size: 483 x 200 x 88, 2U height	
Weight	ca. 1.5 kg	ca. 2 kg
	Total weight: ca. 3.5 kg	
Temp. range (operating)	Temperature: +5°C ... +45°C	
	Relative humidity: 5% ... 80% at 25°C (no humidity/condense)	
Temp. range (storage)	Temperature: -10°C ... +60°C	
	Relative humidity: 5% ... 80% at 25°C (no humidity/condense)	

LAYOUT

a + b: on the back/ auf der Rückseite

a) Power connector on plug - Manager & Switch
b) Power switch - Manager & Switch

MANAGED SWITCH
c) Switch reset button
d) Serial interface on RJ45
e) 8 POE+ ports (orange 1-8) DIVUS SECURE NETWORK
f) Port 9 - VoIP Server connection
g) Port 10 - port to connect switch to the manager
h) Port 11-12 Mini-GBIC - not in use

MANAGER
i) Serial interface on DB9
j) Home LAN-WAN
k) Residential Intercom
l) DIVUS SECURE INTRANET - port to connect manager to switch
m) 2 USB 3.0 ports

a) Stromanschluss - Manager & Switch
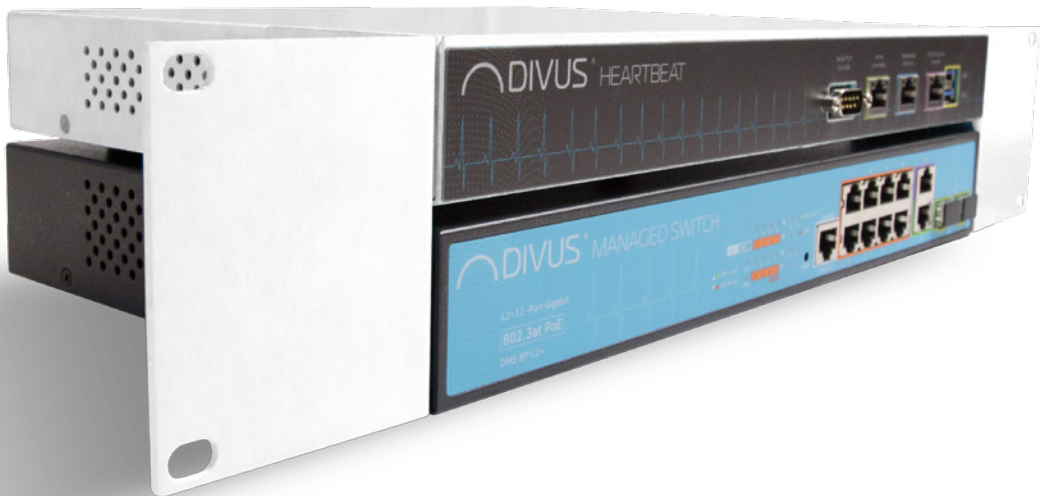b) Netzschalter - Manager & Switch

MANAGED SWITCH
c) Switch Reset-Taster
d) Serielle Schnittstelle auf RJ45
e) 8 POE+ Ports (orange 1-8) DIVUS SECURE NETWORK
f) Port 9 - VoIP Server Anschluss
g) Port 10 - Vebrindungsport Switch zu Manager
h) Port 11-12 Mini-GBIC - nicht aktiv

MANAGER
i) Serieller Konsolenportanschluss
j) Home LAN-WAN
k) Gebäude-Sprechanlage
l) DIVUS SECURE INTRANET - Verbindungsport Manager zu Switch
m) 2 USB 3.0 Schnittstellen

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FUNCTIONALITIES - FUNKTIONEN

VoiP server
VoiP call logging
Managing of multiple switches
Firewall protection of Home LAN and DIVUS SECURE NETWORK
Firewal protection of external residential network to Home LAN and DIVUS SECURE NETWORK
Network scan
Generation of network reports
Sending network report by email
Network diagram
Network logging
Network diagnostic
Loop protection
DIVUS device control
DIVUS device manage
DIVUS device configuration
DIVUS device logging
DHCP server to DIVUS SECURE INTRANET
NTP server to DIVUS SECURE INTRANET

SIMPLE
APARTMENT
HOME

ADVANCED
APARTMENT
VILLA

SIMPLE
RESIDENTIAL
2-4 APARTMENTS

ADVANCED
RESIDENTIAL
TOWER

STANDARD

DIVUS HEARTBEAT meets the following guidelines and standards:

Low Voltage Directive 2014/35/EU (ex 73/23/CEE – 93/68/CEE – 06/95/CE)
Standard(s) to which conformity is declared:
      EN 50491-3:2009, EN60950-1:2006+A11:2009+A1:2010+A12:2011   Safety

EMC Directive 2014/30/EU (ex 89/336/CEE – 92/31/CEE – 93/68/CEE - 04/108/CE)
Standard(s) to which conformity is declared:
      EN 50491-5-1:2010, EN 50491-5-2:2010   Conducted & Radiated Emissions

RoHS2 Directive 2011/65/EU (ex 02/95/EC)
Standard(s) to which conformity is declared:
      EN 50581:2012   Restriction of hazardous substances

The installation and wiring instructions contained in this documentation must be heeded. Conformity is indicated by the attached CE label.

The EC conformity statements can be obtained from:

DIVUS GmbH
Pillhof 51
I-39057 Eppan (BZ)

Regarding Directive 2011/65/EU (ex 2002/95/EG) waste electrical and electronic equipment has to be collected separately and is not allowed to dispose as unsorted municipal waste.

GENERAL INFORMATION

DIVUS GmbH
Pillhof 51
I-39057 Eppan (BZ)
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Touchpanels for any application
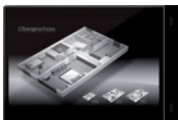

TZ07 – TZ10 – TZ15 – TZ19
DIVUS TOUCHZONE

DSK10 – DSK15 – DSK19
DIVUS SUPERIO

DM15 – DM19
DIVUS MIRROR

DD10 – DD15 – DD19
DIVUS DOMUS

DIVA22
DIVUS DIVA

DH10 – DH15
DIVUS HOME

Intercom & Apps

DIVUS OPENDOOR

DIVUS VIDEOPHONE

DIVUS APPS

KNX visualization system

DIVUS KNX CONTROL

KNX SERVER

DIVUS HEARTBEAT

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MONTAGGIO

1. Installare DIVUS HEARTBEAT su apposito quadro rack mediante appositi supporti in dotazione. (figura 1).

INSTALLAZIONE, COLLEGAMENTO
ACCENSIONE

Effettuare i seguenti collegamenti al Heartbeat:

2. Collegare i dispositivi mediante apposito cavo RJ 45 in dotazione (figura 2).: DMCN (porta Divus Secure Intranet) -> DMS-8P-L2+ (porta 10) (colore: viola)
3. Collegare i dispositivi alla rete elettrica mediate cavo di alimentazione in dotazione (CA 100-240V massimo consumo 420W a pieno carico). (figura 3).
4. Accendere entrambi i dispositivi mediante interruttore posto sul reto. (figura 4).
5. Collegare i prodotti Divus allo switch DMS-8P-L2+ sulle porte POE+ 1 -8 (colore arancione) (figura 5).

PRIMA CONFIGURAZIONE

6. Collegare il proprio portatile allo switch DMS-8P-L2+ porta 9 (colore verde). (figura 6).
7. Aprire il browser e digitare nella barra degli indirizzi (https://xxx.xxx.xxx.xxx).
8. Effettuare la registrazione
9. Effettuare il login
10. Seguire le istruzioni guidate nella interfaccia web:
    a. Adattamento dei parametri di rete (se necessario)
    b. Effettuare la scansione della rete
    c. Scaricare il report (se necessario)