C6 ROUTER

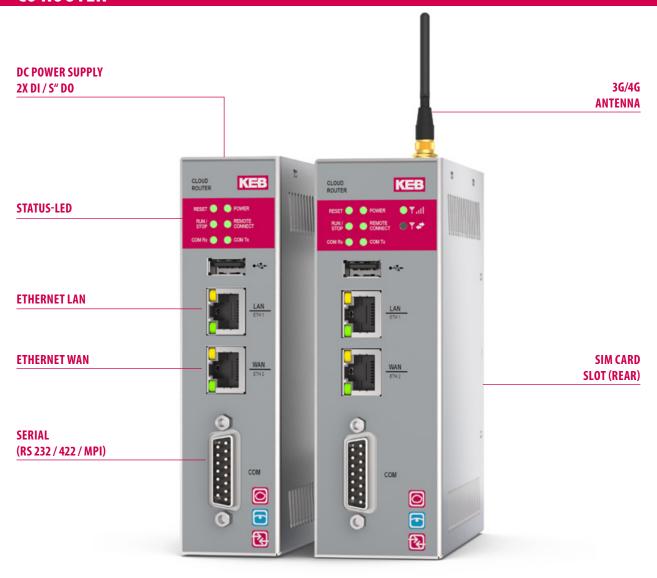


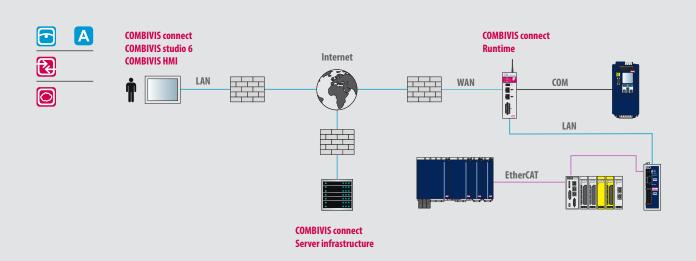


HIGHLIGHTS

- Remote monitoring using Ethernet-based router
- Worldwide support from several server locations
- Also available as router with integrated 3G/4G modem
- Access to remote devices via Ethernet or serial interface
- $\bullet \quad \text{Proven COMBIVIS connect software connects the plant to be monitored to your workplace via VPN}$
- Additional HMI functionality for datalogging, long-term machine diagnostics and notification by E-Mail and SMS

C6 ROUTER



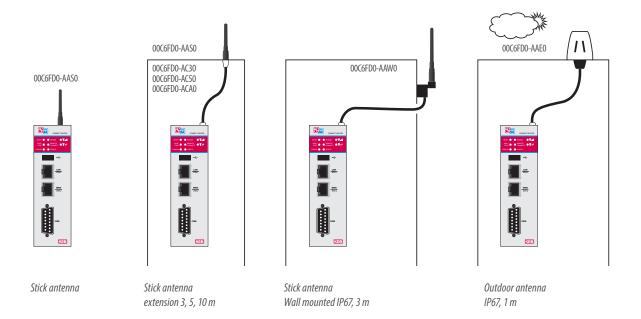




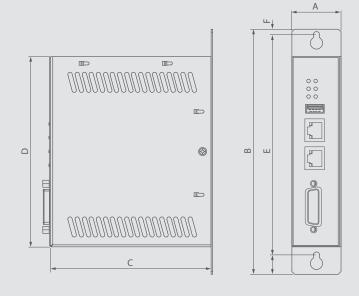
C6 ROUTER E / L (3G/4G)

	E1	E2	E3	E4	L1	L2	L3	L4		
Remote maintenance	CONNECT	CONNECT	-	CONNECT						
Visuallisierung	-	HMI	HMI	HMI						
Cloud	-	-	Cloud	Cloud						
MOBILE NETWORK (ONLY L ROUTER)										
Туре	-	-	-	-		2G/3G/4G LTE Pentaband Modem up to 50 Mbps upload/10 Mbps download				
Band	-	-	-	-		FDD-LTE: B1/B2/B3/B4/B5/B7/B8/B17/B20; TDD-LTE: B38/B40 UMTS/HSPA+: B1/B2/B5/B8; GSM/GPRS/EDGE: 900/1800 MH				
Antenna	-	-	-	-	1 x SMA Plug (various additional antenna option)					
SIM	-	-	-	-	1 x SIM C	ard (mini) socke	t push-push typ	e		
CPU										
Processor	ARM Cortex	A8 processor Fr	eescale® i.MX	535 1 GHz						
MEMORY										
System memory	RAM - 1 GB									
NAND-Flash	256 MB for operating system and runtime environments (internal, not removable)									
eMMC (Solid State Disc)	2 GB	4 GB project	memory for f	ree use						
OPERATING DATA										
Power supply	936 V DC									
Operating environment	0 50 °C (-20 70 °C Option), rel. humidity up to 95 % (without condensation)									
Lagerbedingungen	-20 60 °C (-20 70 °C Option), rel. humidity up to 95 % (without condensation)									
OPERATING DATA										
	Windows En	nbedded Compa	act 7 Pro							
APPROVALS	1									
	CE, cULus									
INTERFACES										
Ethernet	WAN 1 x 10/100 Mbps (RJ45)									
	LAN 1 x 100 Mbps (RJ45)									
USB on back	1 x USB 2.0									
Serial interface	1 x RS232/422/485 (DB15M) / MPI 187. kbit/s (galvanically separated)									
DIGITAL I/O'S										
Inputs	INO - Secured activation WAN connection. Function controlled by COMBIVIS Control Center									
	IN1 - C6 Router software reset									
Ausgänge	OUTO C6 Router WAN connection active (output relay max. 200 mA /24 V DC)									
	OUT1 remote monitoring active (output relay max. 200 mA /24 V DC)									
PUSHBUTTON			. (,	/					
	C6 Router hardware reset									
Buttons	C6 Router ha	rdware reset								

C6 ROUTER



	Α	В	C	D	E	F	G	
C6 ROUTER EX	35	177	116	138	159	4	14	
C6 ROUTER LX	45	177	116	138	159	4	14	







The C6 Router can be configured via two different communication paths:

- manually with local network connection
- from exported configuration data via USB memory stick



The configuration of the C6 Router is protected with necessary log-on

The routers available in the local network are identified via unique MAC addresses.



The configuration level is easy to understand, self-explanatory and limited to a minimum number of parameters.

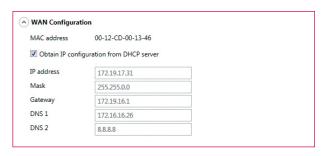
However a number of communication paths are possible, guaranteeing a high usage density.

CONFIGURATION



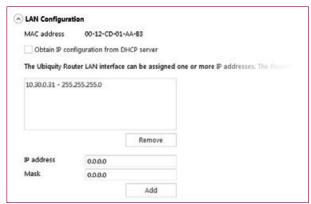
After a few minutes of router configuration, you have worldwide access to remote devices for maintenance and monitoring - irrespective of device type and manufacturer.

CONFIGURATION STEPS



Step 1

WAN-Port as Internet access (server infrastructure) - IP address can be assigned statically or automatically via DHCP.



Step 2

IP configurations from one or more local automation networks accessible via VPN tunnel.



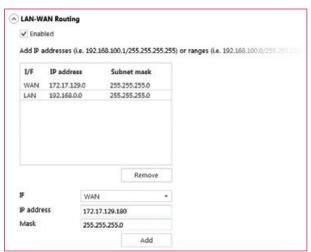
Step 3

As well as local Ethernet-linked networks, serial connections can be set up via a VPN tunnel.



Step 4

Variable configuration with regard to connection type (WAN, Modem), handling of Internet activation (constant, via SMS and/or digital input).



Step 5

The LAN-WAN routing allows configuration of rules between the two Ethernet interfaces of the router (LAN and WAN) which define the static routing of individual IP addresses or address ranges.



Step 6

To be able to use Internet access via modem (UMTS), the provider access data (SIM card) can be configured here.



Step 7

Domain registration opens the possibilities of remote device maintenance, and access can be managed user oriented.