

Requirements For Data Exchange To Sunny Portal

This document provides an overview of the primary SMA communication options and summarises the advanced network configurations that may be needed to get SMA communications products online with the Sunny Portal. In most small, residential networks these special configurations are not typically needed. They apply more to commercial, government, or large business networks with higher level security implemented.

Current Models	URL(s) and Ports
Data Manager M	<ul style="list-style-type: none">• ldm-devapi.sunnyportal.com• update.sunny-portal.de• ntp.sunny-portal.com• TCP Ports 123, 443, 21, 9524
Sunny Home Manager (-20 version)	<ul style="list-style-type: none">• wco.sunnyportal.com• TCP Port 9524
Webconnect 1.5 (more recent inverter models with latest firmware)	<ul style="list-style-type: none">• wco.sunnyportal.com• TCP Port 9524

Discontinued Models	URL(s) and Ports
Cluster Controller	<ul style="list-style-type: none"> • ccl-com.sunny-portal.de • TCP Ports 80, 9522
Sunny Home Manager (-10 version)	<ul style="list-style-type: none"> • UDP Ports 9523 (sip-proxy-port, sip-registrar-port) and 3478 (stun-port) <ul style="list-style-type: none"> ○ sip-proxy-host: proxy.ied.sma.de ○ sip-registrar-host: registrar.ied.sma.de ○ stun-host: stun.ied.sma.de ○ sip-domain: ied.sma.de • UDP ports >1024
Inverter Manager (-10 and -20 versions)	<ul style="list-style-type: none"> • im-com.sunny-portal.com • TCP Port 80
Webbox (RS485 and BT versions)	<ul style="list-style-type: none"> • com.sunny-portal.de • TCP Port 80
Webconnect 1.0 (older inverter models)	<ul style="list-style-type: none"> • UDP Ports 9523 (sip-proxy-port, sip-registrar-port) and 3478 (stun-port) <ul style="list-style-type: none"> ○ sip-proxy-host: proxy.ied.sma.de ○ sip-registrar-host: registrar.ied.sma.de ○ stun-host: stun.ied.sma.de ○ sip-domain: ied.sma.de • UDP ports >1024