



TELSCAN WEB Server transmission over ethernet

- Server management using Internet browser
- Connection of up to 4 video cameras
- Event-controlled transmission of pictures, e.g. by e-mail, SMS
- Transmission of up to 25 pictures per second
- Scaleable bandwidth for digital picture transmission
- Control of telemetry pan and tilt drives and other devices
- I/O interface for motion detectors, sensors, door contacts etc.
- Compact housing
- Multi-user mode

The TELSCAN Web Server is a standalone device which can transmit video data via a TCP/IP network independent of a computer. It can be integrated into any 10/100-Mbits/s Ethernet system without a problem. Its simple operation and management using a standard Web browser, together with its versatile functions, result in the TELSCAN Web Server being suitable for many different applications:

- Operates in combination with any existing CCTV camera system.
- Integration into CCTV security and surveillance systems of companies, car parks, schools etc.
- Incorporation of live pictures in Internet sites
- "Virtual" tours e.g. production plants, other shop locations

Dimensions

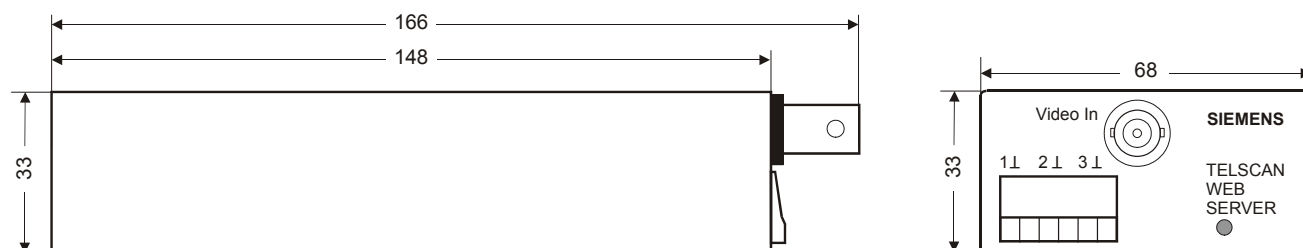


Fig. 1: Dimensions in mm

Technical Data

Resolution	QCIF (176 x 144), CIF (352 x 288), up to 25 pictures per second and 4CIF (704 x 576), single pictures
Television standard	PAL/NTSC, switching over using Web configuration
Picture transmission	- Motion-JPEG (server push) - JPEG single pictures, user-selectable compression quality
Network	
- Protocols	ARP, BOOTP/DHCP, TCP/IP, HTTP, SNMP, ICMP, FTP, DNS, SMTP, TELNET
- Installation	Connection to Ethernet (10baseT or 100baseT (Fast) Ethernet), IP address can be changed using ARP, BOOTP/DHCP
- Network management	Configuration using standard Web browser
Security	Password authentication
Firmware	Local and remote-controlled flash memory updates via LAN with FTP via TCP/IP
Hardware	
- Processor	Philips TriMedia VLIW-DSP processor
- Memory	8 MB RAM ≥ 4 MB flash ROM
Programming	Event-controlled and time-controlled functions, programmable using Web desktop
Opt coupler	
- Input	Applied voltage: typ. 5 V (max. 48 V) Input current: typ. 16 mA (max. 20 mA)
- Output	Applied voltage: typ. 5 V (max. 48 V) Output current: typ. 1 mA (max. 10 mA)
Connections	
- Video input 0	BNC, multiplex mode transmission
- Video inputs 1 to 3	Screw terminal, 75 Ω, multiplex mode
- Serial interface	1 x V.24 (RS232) control interface, max. 115 Kbps
- Network connection	1 x RJ45 (10/100baseT)
Power supply	8 V to 12 V DC, via external power supply unit (included in delivery)
Power consumption	
- Operation	Approx. 7 W
- Standby	Approx. 3 W
Temperature of use in °C	0 to +45
Relative humidity in %	20 to 80, (non condensation)
Dimensions (W x H x D) in mm	68 x 33 x 148 (D incl. BNC = 166)
Weight (without PSU)	0.34 kg

Ordering data

Type	Part no	Designation	Weight
Webserver	2GF5502-8DA	TELSKAN Web Server 4 camera transmitter LAN	0.34 kg