

# TRUCK-CALL DISPLAY **TRUCK 812-160**

## Rugged, reliable and long-lasting



## TRUCK-CALL DISPLAY **TRUCK 812-160**

### General

Truck-call displays are an imperative aid to form loading and unloading of trucks efficiently and economically. The computer-controlled truck-call display "TRUCK 812-160" looks after the required summary. This eight-row truck-call display "TRUCK 812-160" is able to show simultaneously up to eight different truck calls. Each of the eight display lines has 10 characters for an identical number (e.g.: Truck license number) plus 2 characters for the truck position (space number). A flashing all around-luminary at the case underside signals the truck drivers an information change. The switching duration of the all around-luminary is alterable. The drive of the truck-call display is carried out serially via a RS 485 interface, optional via Ethernet TCP/IP (Reitberger standard-protocol). Optionally a customization to a predefined communication protocol is possible.

The truck-call display "TRUCK 812-160" is equipped with 38-Segment-LCD technology (Transflectiv, with backlight). This technology convinces particularly by its high life time, clear letter contours and large reading angle. The display "TRUCK 812-160" is always well readable under all lighting conditions. The 160 mm high electronic LCD characters are well readable up to a distance of approx. 55 m. The protection panes for the LCD-displays are out of 5mm glass (Single pane safety glass); For extreme requests these protection panes can be optionally delivered with dereflection.

The temperature range of the LCD-display modules extends over the range of -40°C to +85°C. The large reading angle of the LCD-display of approx. 170° from all sides makes an optimal placement of the display possible. The weather-proof solid marking (in the figure "truck symbol and pos.") can be, in the context of the predefined technical possibilities, brought into line with the respective request profile on wish.

The display case consists of an ALU-double chamber profile and has an up hinged front door which is held with two lateral gas pressure springs in the inside of the case. The installation of the display is carried out via four M12 tapped holes on the case rear side. For the transport the case is equipped with two detachable struggling screws M12 at the top side. The black front side of the truck-call display increases the reading contrast. The truck-call display "TRUCK 812-160" is executed maintenance-free.

**Order number:** IP-GA-TRU-812160-A1 (With serial interface RS 485)

**Order number:** IP-GA-TRU-812160-A2 (With serial interface TCP/IP)

## TRUCK-CALL DISPLAY **TRUCK 812-160**

### Technical data

Application field:	Outdoor, also at direct solar irradiation
Display technology:	38-Segment-LCD technology in the operating mode transflectiv with back light
Character height:	160mm
Number of display lines:	8
Number of characters per line:	10 for identification number plus two for position number
Font:	Numbers 0 to 9, capital letters and special characters
Character color: Standard:	Yellow on dark background; White, green, orange optional
Temperature range of the LCD-Display modules:	-40°C up +85°C
Reading angle:	Up to 170°
Reading distance:	Up to 55m at frontal view
Display case:	Outdoor type: Display case of aluminum profile with double chamber IP54 and hinged display front side with gas pressure spring mounting. The case becomes forced ventilation and protects the electronics from condensed water.
Case measurement:	Approx. 1700 X 2220 X 120 (B X H XD in mm)
Case fastening:	By four M12 threads at the case rear side
Voltage supply:	230VAC/300VA
Interfaces:	Standard execution serial via a RS 485 interface, optional Ethernet TCP/IP
Equipment connections:	All connections executed pluggable
Maintenance intervals:	No-one
Weight:	Approx. 200 kg

**Note:** The illustrations don't have to agree with the description, because of further developments which serve the progress.