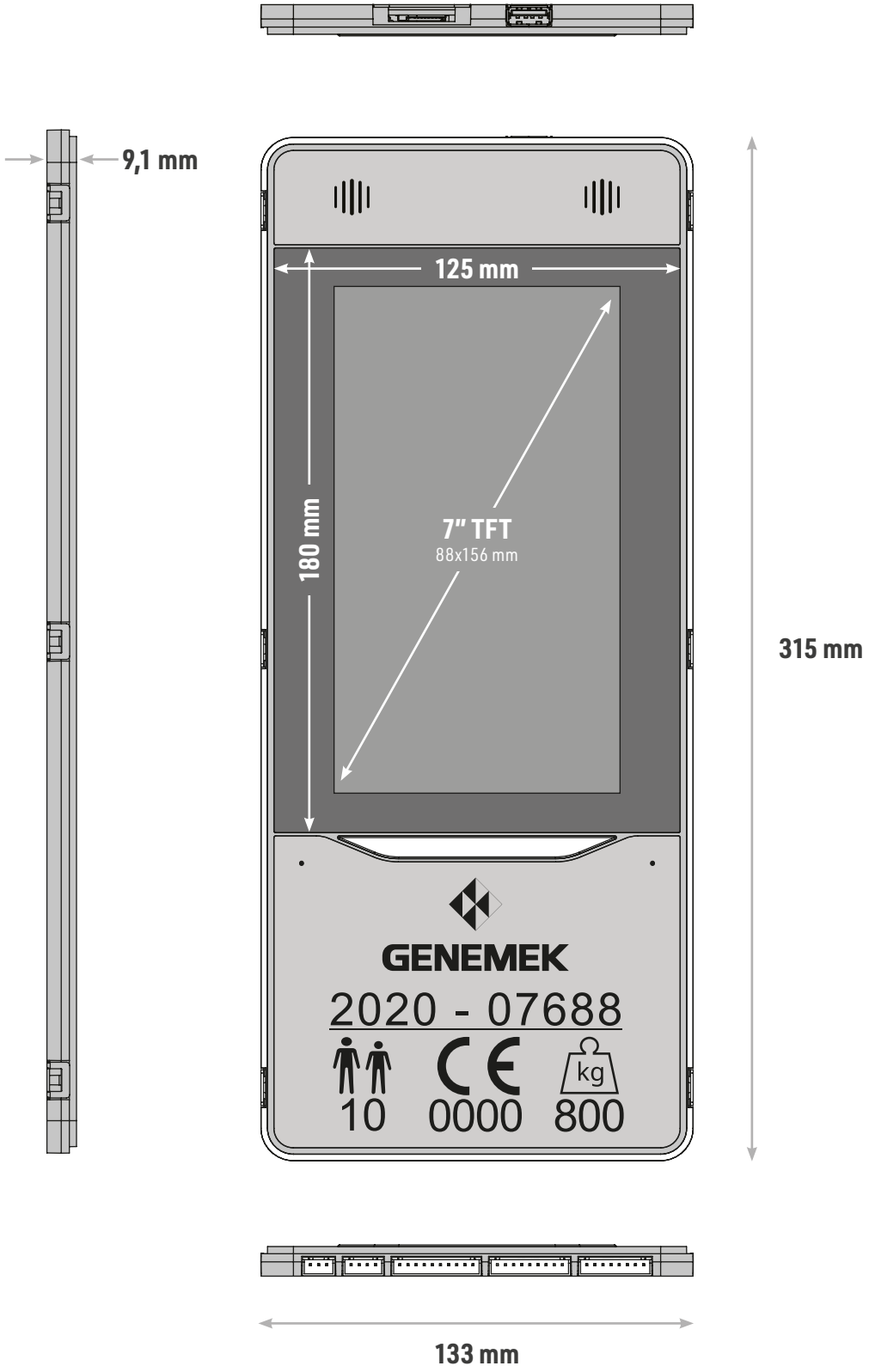
About

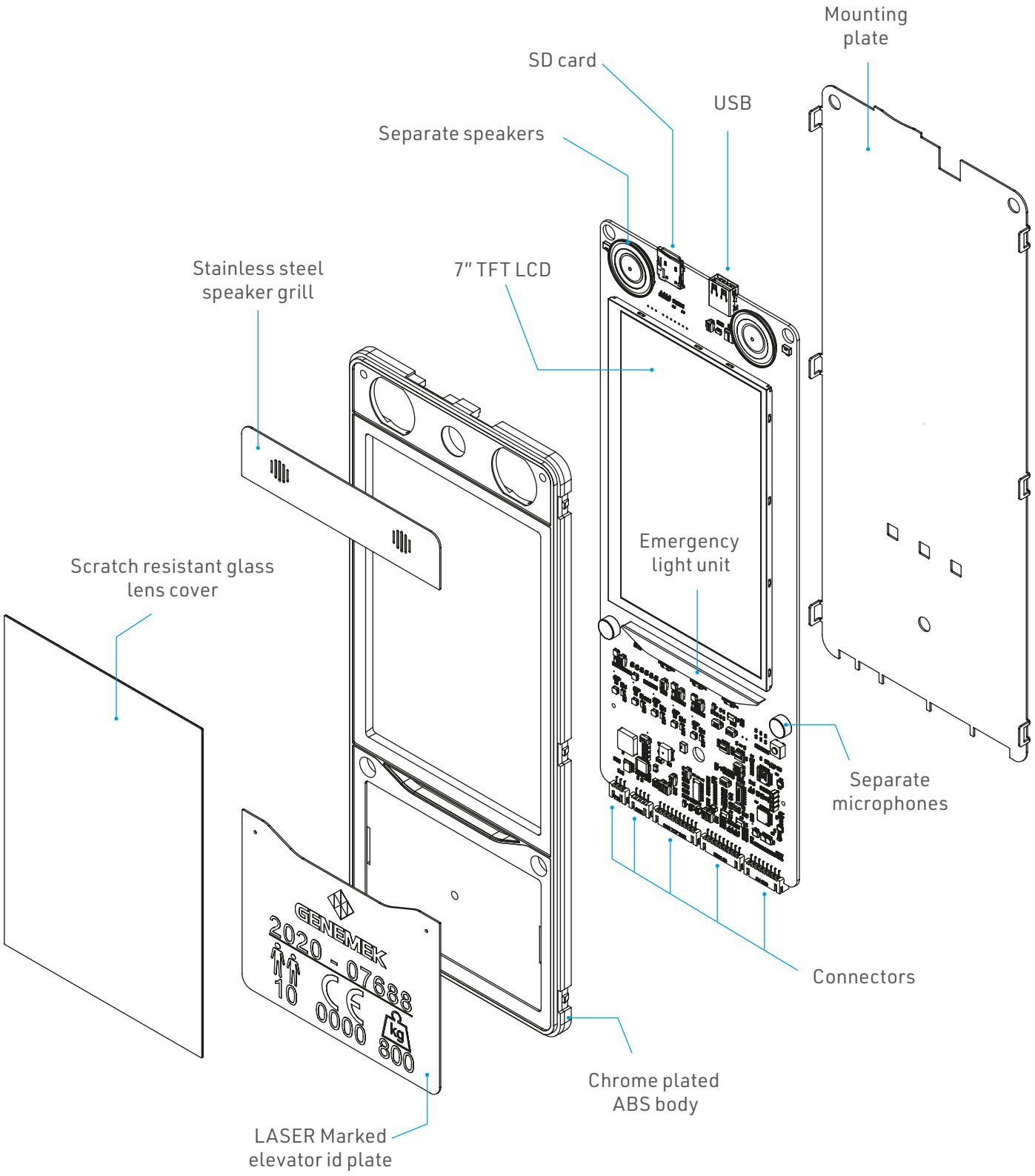
New generation color TFT LCD type indicator panels have great advantage to show high resolution color images and real time high definition videos. Wide angle of visibility and crisp images with intense backlight brightness make MEGA7V.TF indicators are valuable for high-end elevators. Additional features like voice announcing, emergency state illumination, built-in communication systems results MEGA7V.TF is not only a simple floor position indicator but a complete in-car information panel for elevators. Elevator standards like EN81-20/28/70 are fully covered.

Features

- Linux based cutting edge operation system
- ARM Cortex A8 CPU with 4Gbit RAM
- 800x480 pixel, 156x88mm (7") TFT LCD
- True color (16M) wide wieving angle
- 125x180mm scratch resistant cover glass
- Voice announcing and high definition video playback
- Floor level defined video and image showing
- Seperate microphone and speaker for external autodialers
- Built-in two ways intercom
- USB and SDCARD interface
- Ultra-bright emergency lamp (EN81-20)
- LASER marked stainless steel elevator identification plate
- Communication with well-known elevator controllers via CAN
- Programmable input and output
- Plug-jack type cable sets for easy installation
- Multi-language configuration menu controlled via on-board buttons
- Thin profile height to match AVOX series car operator panels
- Various color selections for stainless steel surfaces
- Hard chrome plated ABS frame with stainless steel mountplate

Available surface finishes				
Silver brushed (standard)	Gold brushed	Bronze brushed	Champagne brushed	Black brushed
Silver mirror	Gold mirror	Bronze mirror	Champagne mirror	Black mirror


9,1 mm
125 mm
180 mm
7" TFT
88x156 mm
315 mm
GENEMEK
2020 - 07688
10
0000
800
kg
133 mm


Mounting plate
SD card
USB
Separate speakers
Stainless steel speaker grill
7" TFT LCD
Scratch resistant glass lens cover
Emergency light unit
Separate microphones
Connectors
Chrome plated ABS body
LASER Marked elevator id plate
GENEMEK
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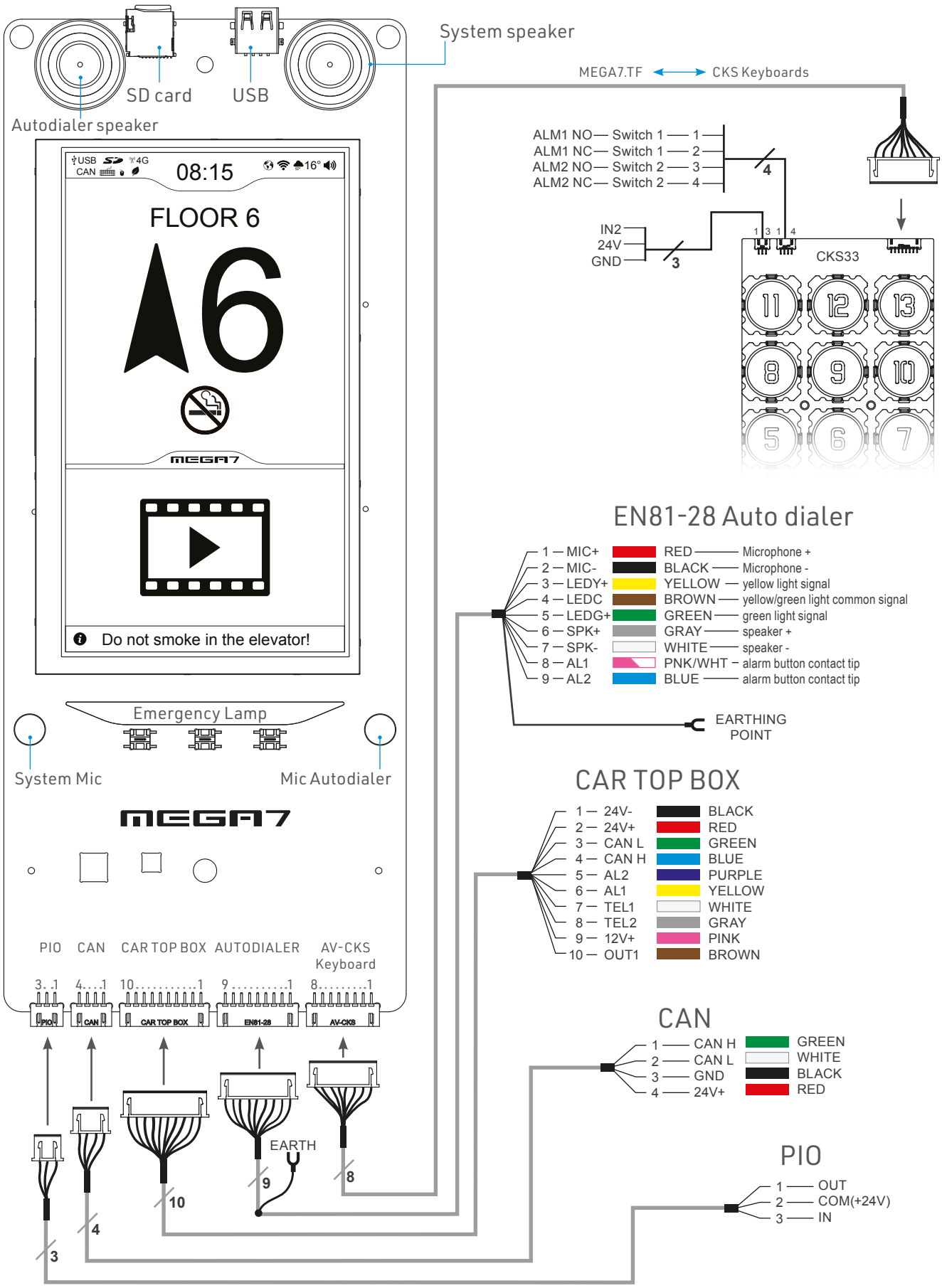

System speaker
SD card
USB
Autodialer speaker
MEGA7.TF ⟷ CKS Keyboards
ALM1 NO— Switch 1 — 1
ALM1 NC— Switch 1 — 2
ALM2 NO— Switch 2 — 3
ALM2 NC— Switch 2 — 4
4
IN2
24V
GND
3
CKS33
08:15
FLOOR 6
6
Do not smoke in the elevator!
Emergency Lamp
System Mic
Mic Autodialer
PIO
CAN
CAR TOP BOX
AUTODIALER
AV-CKS Keyboard
EARTH
EN81-28 Auto dialer
1 — MIC+ RED — Microphone +
2 — MIC- BLACK — Microphone -
3 — LEDY+ YELLOW — yellow light signal
4 — LEDC BROWN — yellow/green light common signal
5 — LEDG+ GREEN — green light signal
6 — SPK+ GRAY — speaker +
7 — SPK- WHITE — speaker -
8 — AL1 PNK/WHT — alarm button contact tip
9 — AL2 BLUE — alarm button contact tip
EARTHING POINT
CAR TOP BOX
1 — 24V- BLACK
2 — 24V+ RED
3 — CAN L GREEN
4 — CAN H BLUE
5 — AL2 PURPLE
6 — AL1 YELLOW
7 — TEL1 WHITE
8 — TEL2 GRAY
9 — 12V+ PINK
10 — OUT1 BROWN
CAN
1 — CAN H GREEN
2 — CAN L WHITE
3 — GND BLACK
4 — 24V+ RED
PIO
1 — OUT
2 — COM(+24V)
3 — IN

USB USB Icon
Gray: No USB devices detected
Red: USB device detected, no valid media files were found
Green: Valid media files were found in USB

SD Card Icon
Red (Blinking): SD card is detached
Green: SD card is attached

CAN CAN Icon
Red:Cannot receive data from CAN bus
Green:Receiving data from CAN bus

Keyboard Icon
Gray: No keyboard detected
Black: Keyboard enabled

Mouse Icon
Gray: No mouse detected
Black: Mouse enabled

Date & Time
Date and time information is displayed in loop cycles

Floor designation
Specific explanation for each floor

Leaf Icon
Orange: Power saving mode disabled
Green: Power saving mode enabled

Fan Icon
Gray: Cabin fan is not active
Green: Cabin fan is active

Mute Icon
indicates the sound is muted

Speaker Icon
indicates the sound volume level

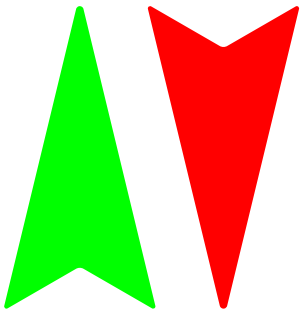
Floor Position
Animated floor position

Customer LOGO
logo placeholder area

Media Playback Area
Video and images are displayed here

Custom massage area
Warning or error messages are displayed here

40 mm Arrows
Animated travelling direction arrows

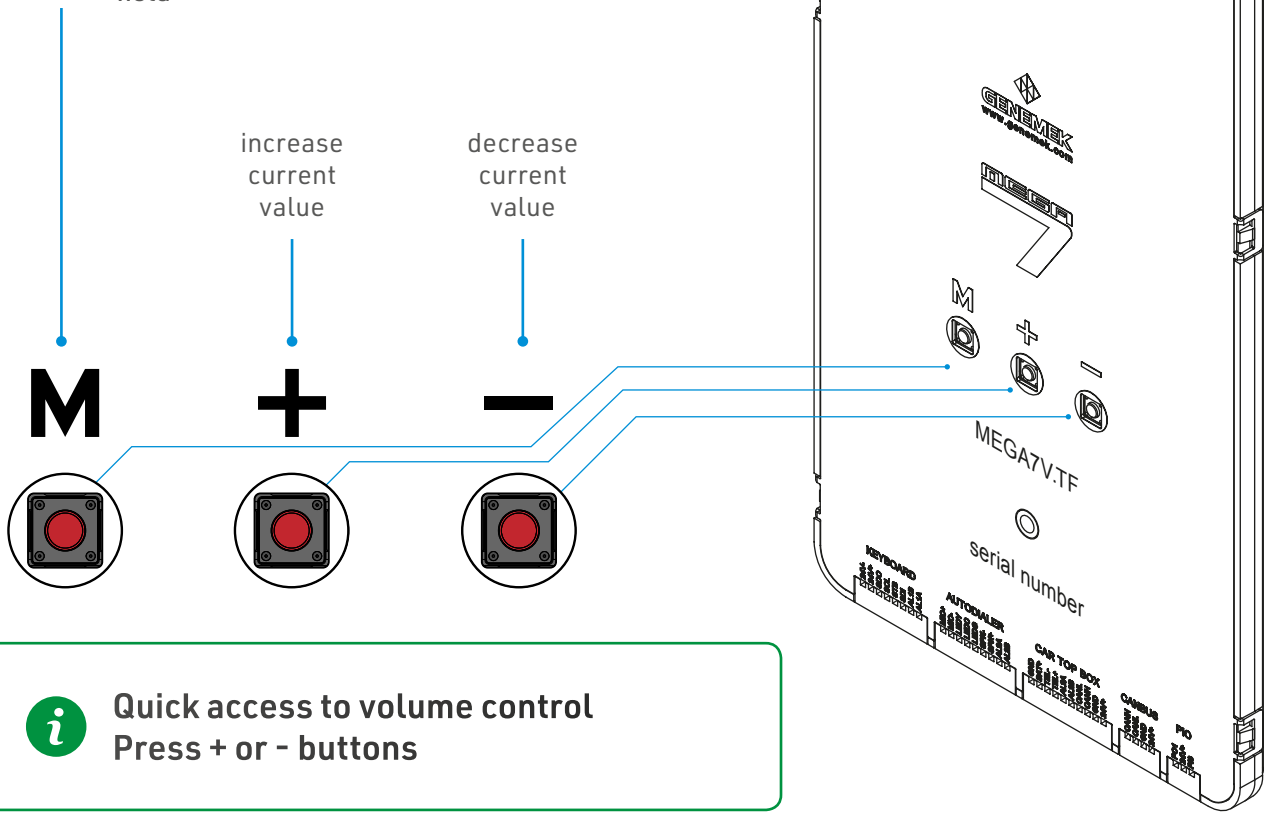


Elevator Status Icons
Autodialer and other various icons

Entering Menu : Click M button once
Navigate Menu : Click M button, it will roll-over

Exit from a menu item: Double click M button

Into a Menu item: Press and hold M button

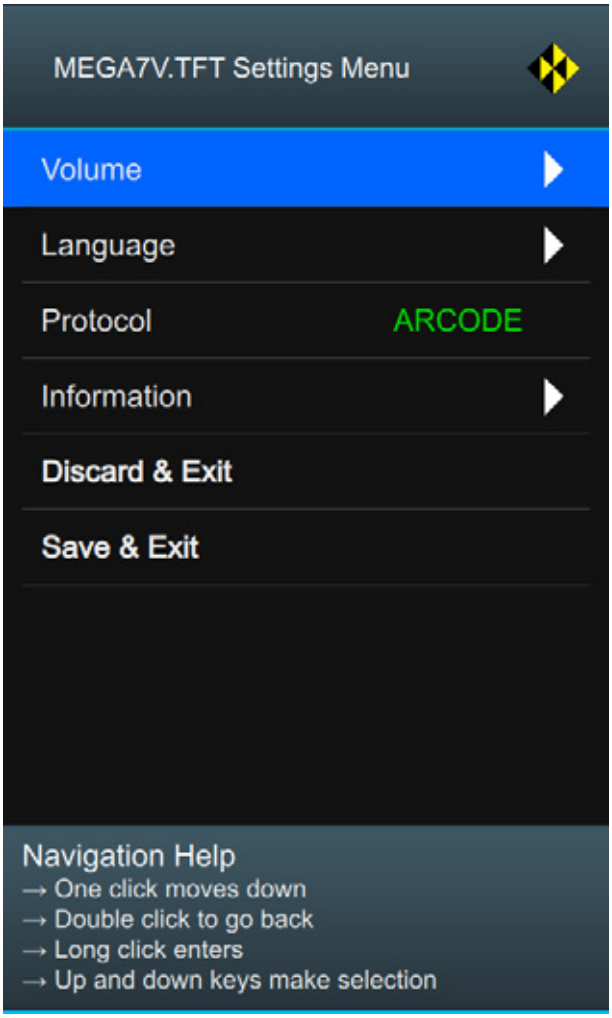


Quick access to volume control
Press + or - buttons

A keyboard or a mouse connected to USB port can also help

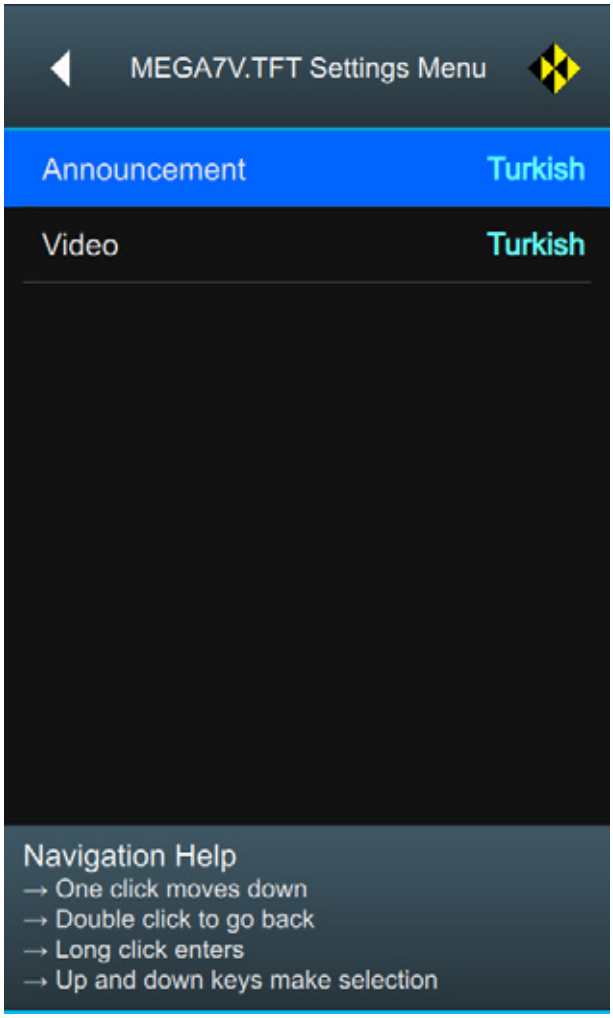
MEGA7V Settings menu

Overall view of the current settings menu. Protocol can be changed by pressing the + or - buttons



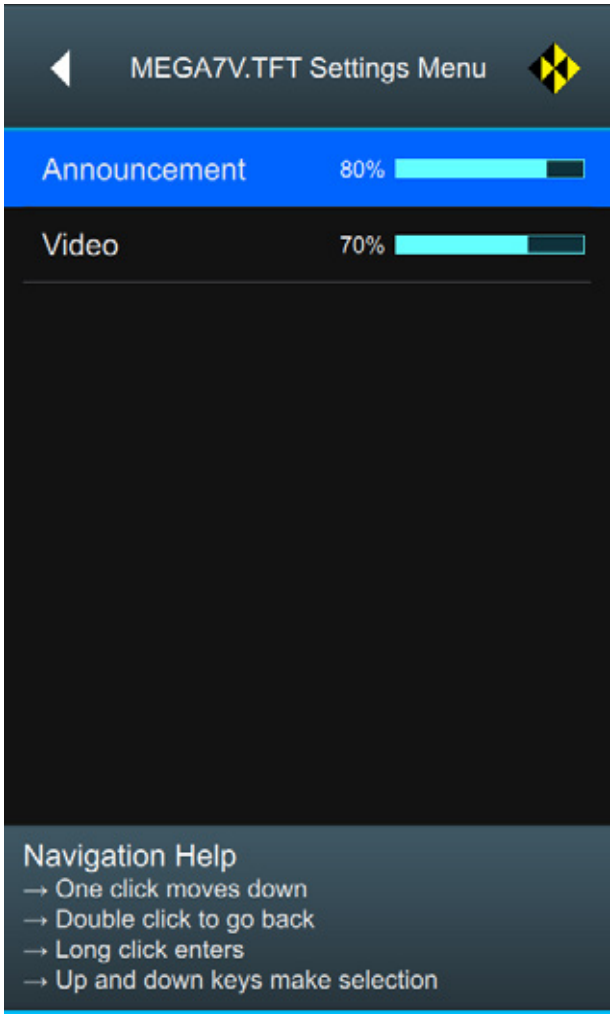
Language Settings

Change the language of the voice announcer and video language here. Video language effects only the emergency stiuation videos such as fire alarm.



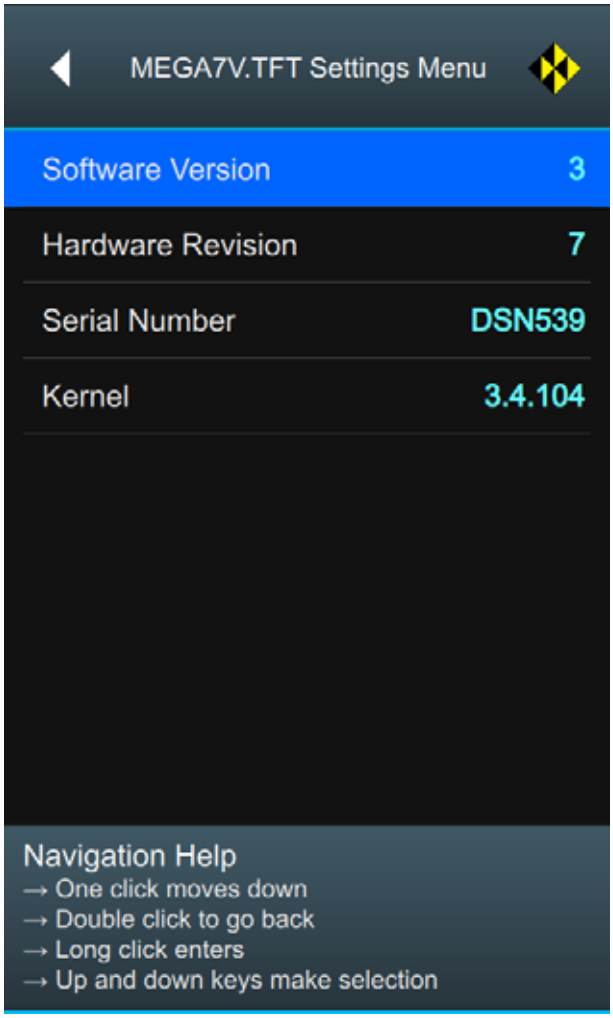
Volume Settings

Voice announcer and playback video volume is controlled here.



Information

Current software & hardware version and serial number is displayed here.

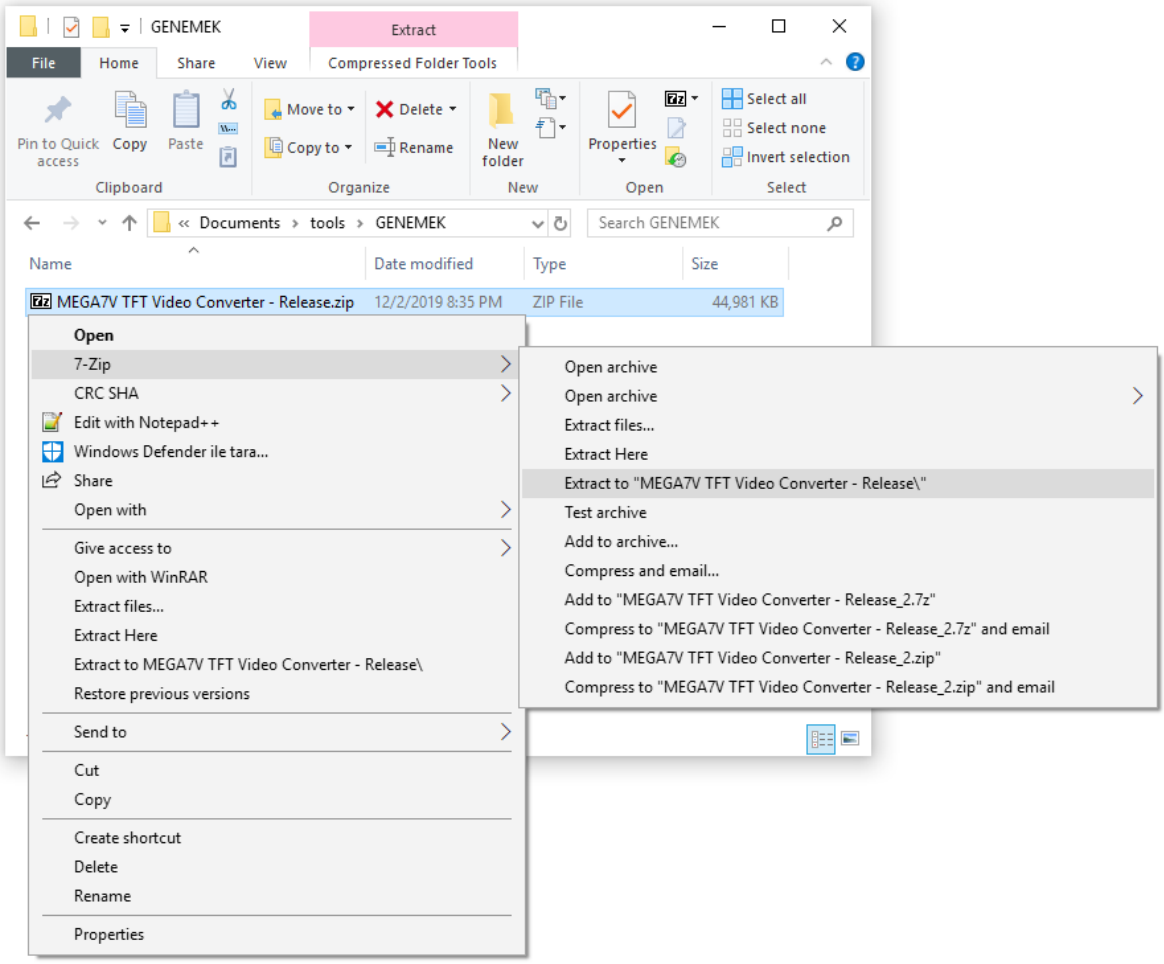


Adding a new video

Please use thin USB memory to match with
mechanical structure of MEGA7V.TF
Format your USB Memory Stick to FAT32 file format.

1. Download and extract the files from the link below

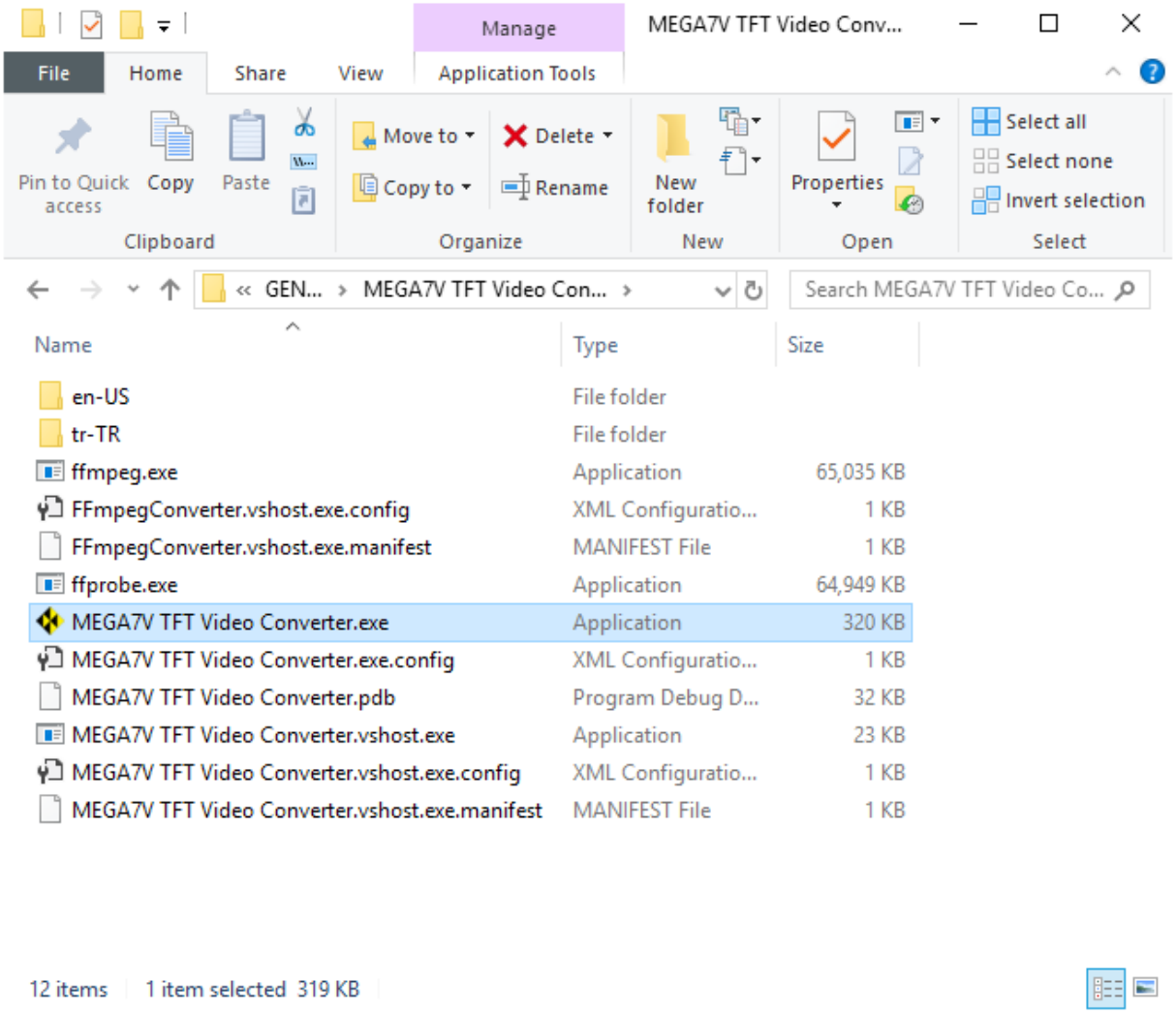
https://genemek.com/downloads/MEGA7VTFT_VideoConverter_v102_Setup.zip

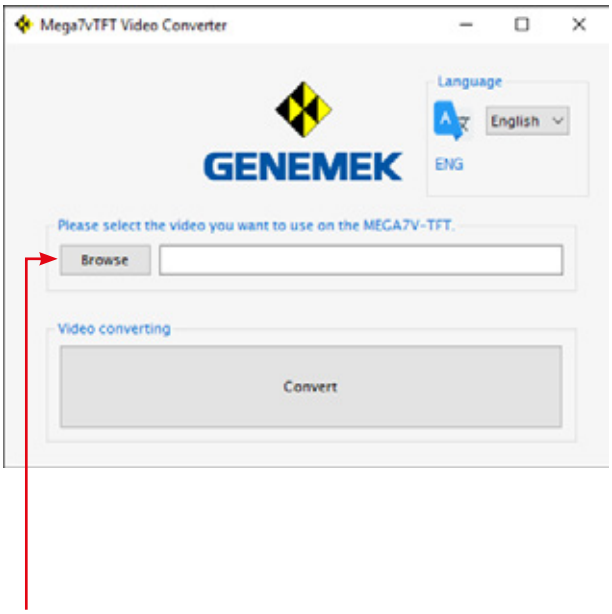


Note:Make sure your computer already has .NET Framework 4.5.2 installed and running.

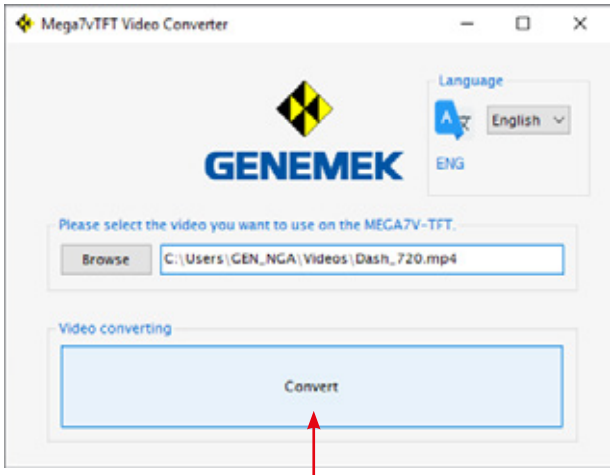
https://dotnet.microsoft.com/download/dotnet-framework/net452

2. Click MEGA7V TFT Video Converter.EXE

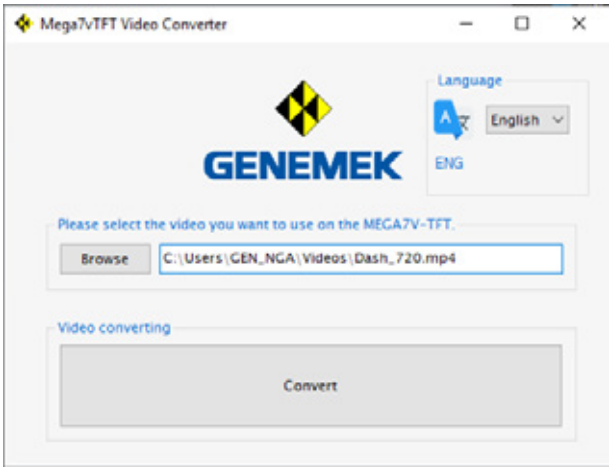


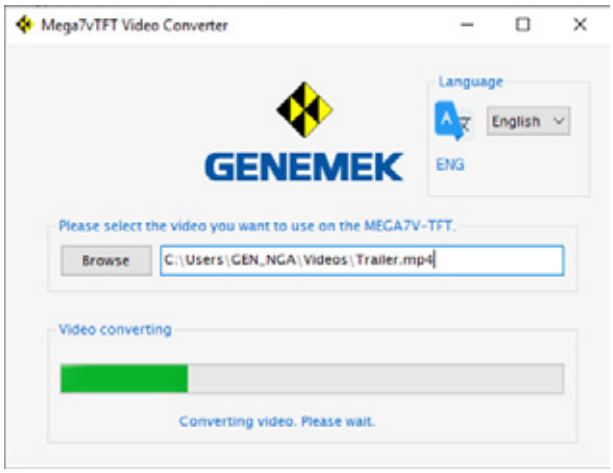


3. Click browse, load your video



4. Click convert, follow progress bar, after it is finished your video is ready.

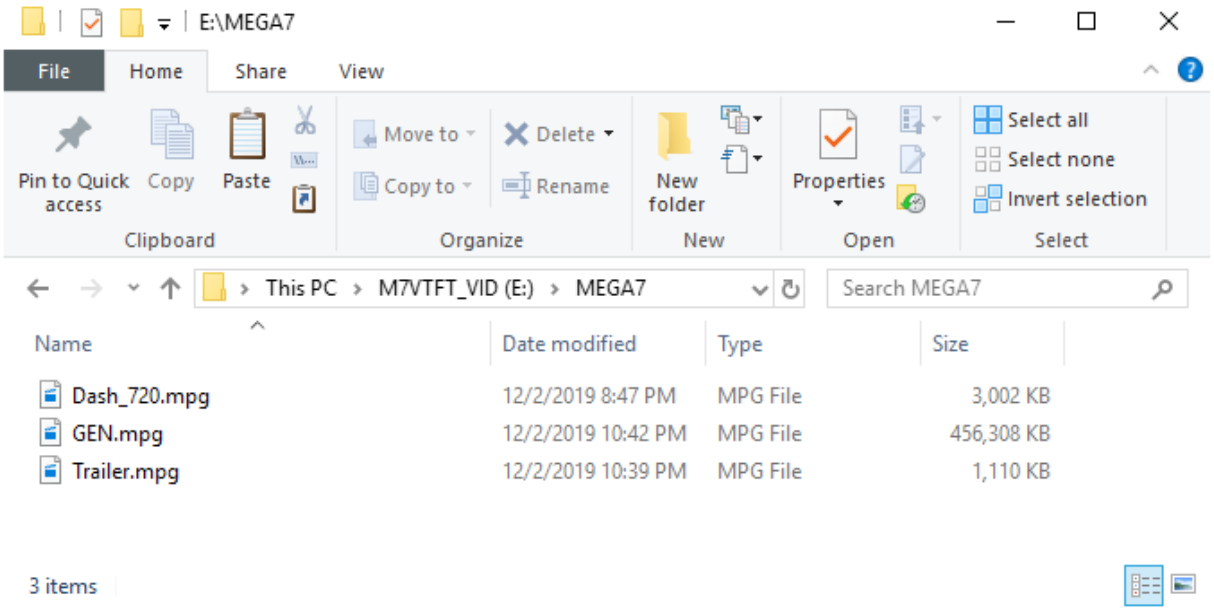




5. Create a directory named MEGA7 into your USB Memory Stick

6. Put your converted video into this folder.

7. Plug USB Memory Stick into MEGA7V. TF's USB input and video will start to playback automatically.



Do not remove the SD card in any case

1. Purpose

By adding images, videos and texts on-screen, passengers may have direct information regarding landed floor level.

16_UNICEF.png

2. Method

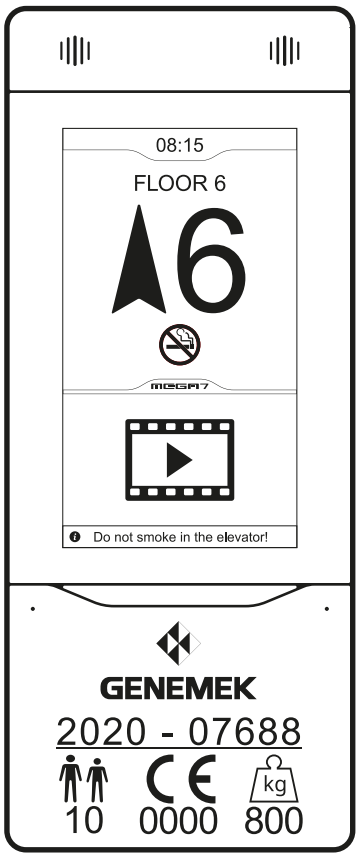
a. Create a directory named MEGA7\SLIDE

b. Put your desired images or videos under this directory by referring the level as below

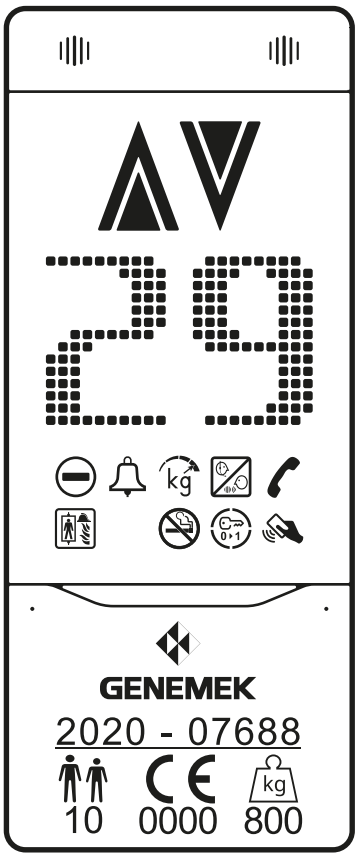
16_UNICEF.png

Video and the image slideshow does not work at the same time!

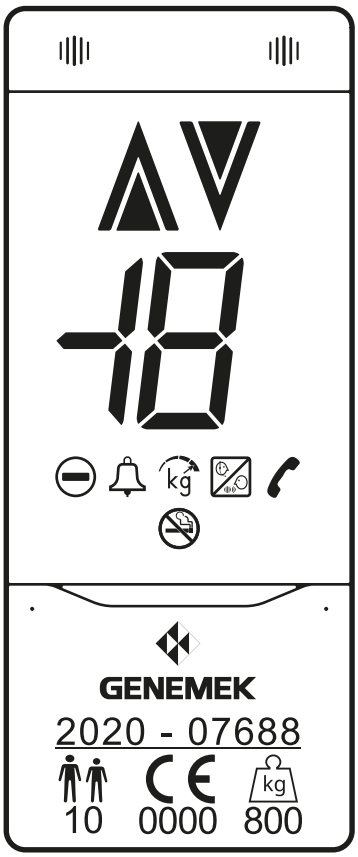
MEGA7V.TF



MEGA7V.DM



MEGA7V.DS



Ordering code

COMPATIBILITY			
AC	ARKEL ARCODE	LS	LISA SCHNEIDER
AY	AYBEY ALC/ACT	MT	ARKEL MOT
CP	CANOPEN DSP417	MV	MIKEL MIVOX
GV	GENCAN	NF	NIDEC F3
HY	HYUNDAI STVF	SV	STEP F5021 AS380

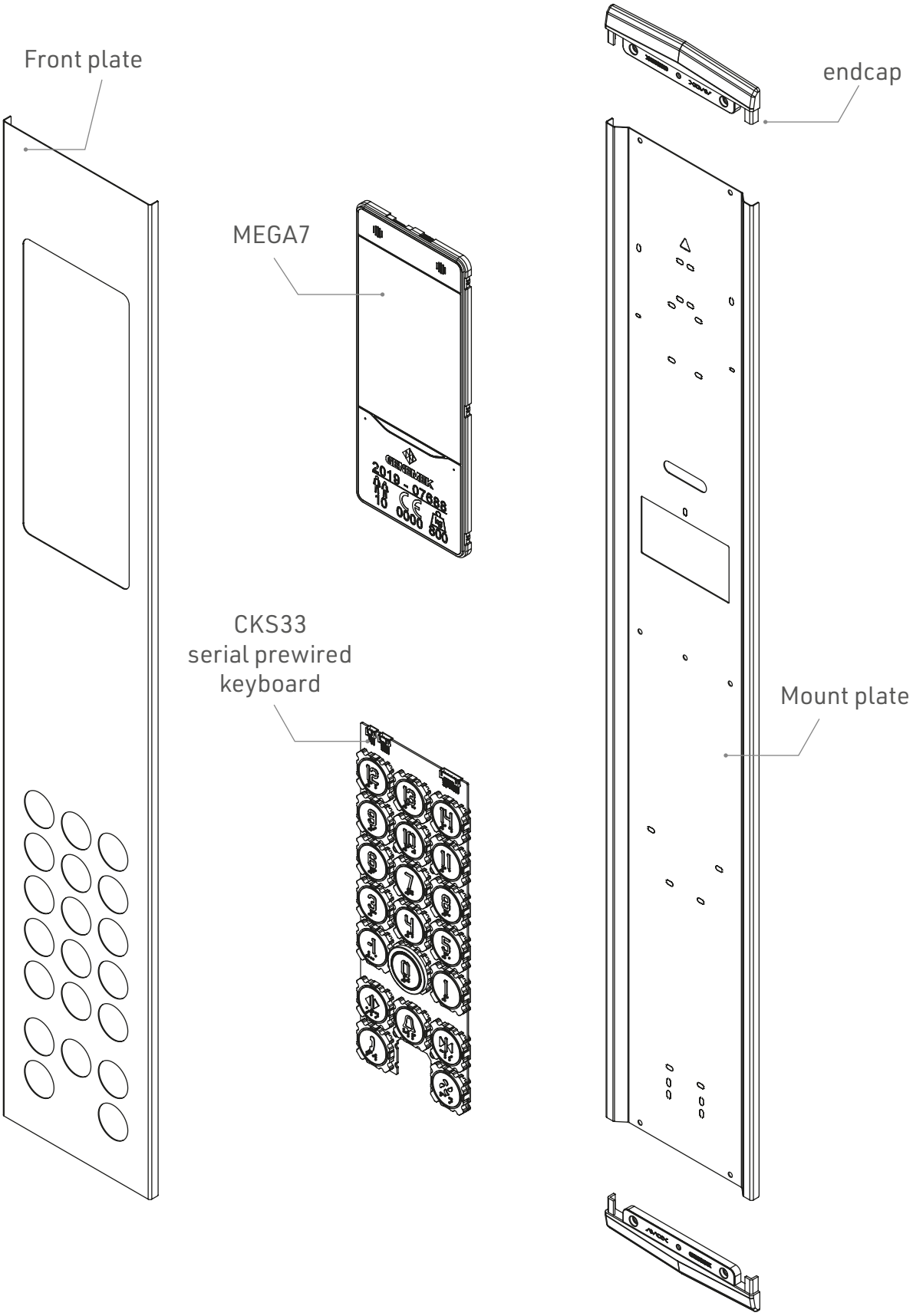
KEYBOARD TYPE	
31	2 TO 5 STOPS
32	6 TO 10 STOPS
33	11 TO 15 STOPS

G V 9 3 1 - M G 7 V . T F

PANEL SIZE	
7	HALF HEIGHT with endcaps
9	FULL HEIGHT

INDICATOR TYPE	
MG7V.TF	MEGA7V Color TFT LCD
MG7V.DM	MEGA7V Color Matrix LED
MG7V.DS	MEGA7V Color 7 segment LED

GENEMEK
Emek Mah. Ordu Cad. No:6/1, 34785, Sancaktepe, İstanbul, TURKEY
+90 216 365 9242 | www.genemek.com | info@genemek.com


Front plate
endcap
MEGA7
CKS33
serial prewired
keyboard
Mount plate

MEGA7

Car operator panel examples with MEGA7

AVOX

EPAK