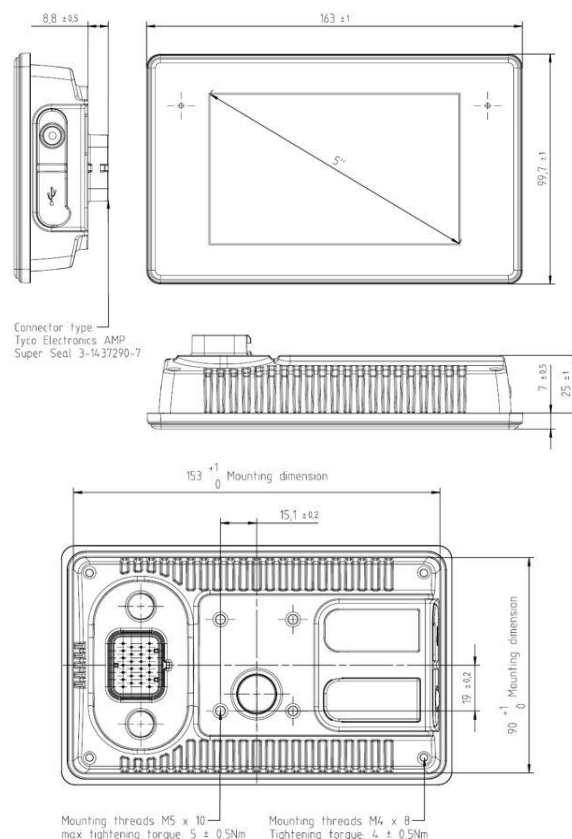


Epec 6505 Display Unit is high-performance but affordable 5" embedded display for various machine applications. Epec 6505 has projective capacitive touch (PCAP) panel optically bonded with high- brightness LCD panel which enables excellent sunlight readability and usability. 6505 has WVGA 800 x 480 resolution which is same as in Epec 6107, which enables easy UI transition between different display sizes used in different machines with minimum effort. 6505 is programmable with Epec development tools including, CODESYS and Epec MultiTool together with pre-made Epec PLC Libraries. Epec 6505 supports both panel and pedestal mounting options and has wide selection of accessories available.

### TECHNICAL FEATURES

Processor: 32 bit iMX6 Solo CPU running 800MHz
Flash memory: 2 GByte
RAM: 512 MByte
Display size and touch type: 5", TFT color LCD, projective capacitive PCAP touch technology
Display resolution: WVGA 800 x 480 (15:9)
Display brightness: 800 cd/m <sup>2</sup> optically bonded LCD together with touch
CAN: 2
Ethernet: Available with USB – Ethernet adapter for SW development
USB: 1
RS-232: 1
I/O: KL15 wake-up input
Multicolor indicator LED
Ambient light sensor
Internal speaker
Realtime clock (RTC)
IP class: IP66
Temperature range: -30... +65 °C -22...+149 °F
Connectors: 1 x AMP26 Super Seal, USB-A High Speed
CODESYS version: 3.5 SP16
Supported communication protocols: CANopen, SAEJ1939, NMEA 2000



### APPROVALS

Symbol / Name	Explanation
CE	This product complies with the requirements set in the CE Standard.
E1	This product is certified with normal automotive (E1) EMC (electromagnetic)
RoHS2	This product complies with the RoHS directive (The Restriction of the use of certain Hazardous Substances in Electrical and Electronic Equipment).
EU Declaration of Conformity	This device is in compliance with Directive 2014/53/EU. For more information, refer to the product's technical manual.

### VARIANTS & MANUALS

Ordering code	E30D6505-020	E30N6505-020
Technical Manual ID	MAN000732	MAN000732
Operating Manual ID	MAN000731	MAN000731



[6505 Product Page](#)

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