

## Touch Control Unit TCU<sup>3.0</sup>

The industrial tablet control unit TCU<sup>3.0</sup> is suited for the operation of one or multiple devices in combination with the controllers FCU<sup>3.0</sup> or FCU<sup>3.0</sup>-S via Ethernet. Those devices can be any combinations of antenna masts, turntables, cable guide rails or any other positioning equipment. The TCU<sup>3.0</sup> comes with preinstalled control software mcApp and can be used in addition to or as a replacement of an existing measurement PC.



### Technical Data:

Data interface	Wi-Fi (802.11 a/b/g/n), LAN (RJ45)
Ports	USB2.0, micro USB, LAN (RJ45), RS232
System specifications	Intel® Cherry Trail Atom™ Z8350 Intel® HD Graphics 4 GB DDR3L RAM 64GB SSD, expandable via micro SD
Display	10.1" (25.65cm) IPS 1280x800 pixel, 280 cd/m² Corning Gorilla Glass 3
Battery	Lithium-ion, 10000mAh, 3.7V, removable
Protection class	IP65 and MIL-STD-810G
Size in mm (L x W x H)	280 x 187 x 22
Temperature range	-20°C – 60°C
Total weight	1,2 kg
Accessories	mcApp preinstalled Charging cable Docking station Carrying strap & Hand strap

## Brief description FCU<sup>3.0</sup>

The FCU<sup>3.0</sup> works with EMC software from Rohde & Schwarz, Teseq, NEXIO, Toyo, TDK, Dare!!. LAN (TCP/IP) is used as interface. A software, which allows an automatic measurement procedure, can be programmed by Python, Matlab, C++ or C# easily. Existing devices with a GPIB interface can still be used in parallel to FCU<sup>3.0</sup>.

## Highlights:

- **mcApp**  
Installation on an existing PC or on TCU<sup>3.0</sup>  
Software to control all axis of all devices



Home screen of the mcApp

- **Handheld service unit (HSU<sup>3.0</sup>)**  
Moving the positioning device manually, without FCU<sup>3.0</sup> e.g.: for initial installation  
Update capability and readout of error logs of the positioning devices via USB
- **Maturo dongle**  
USB stick Type – A  
necessary for running the devices

