



TG-10R TECHNICAL FEATURES

MONITOR DATA

Screen

Display	10-inch capacitive touchscreen
Resolution	1024X600

Power supply

DC Power Supply	DC Input 12-24V - Output, DC 5V
Consumption	<6W

System

Operating System	Android 12
CPU	Octa-core
GPU	ARM Mali-T820 MP1
SDRAM	DDR3 4GB
Flash	Flash NAND 64GB

Structural features

Height x Length x Width (mm)	275 x 184 x 31
Weight (g)	
Protection degree	IP67

Work environment

Working temperature (°C)	-40 - +70
Storage temperature (°C)	-55 - +85



TG-7R TECHNICAL FEATURES

MONITOR DATA

Screen

Display	7-inch capacitive touchscreen
Resolution	1024X600

Power supply

DC Power Supply	DC Input 12-24V - Output, DC 5V
Consumption	<6W

System

Operating System	Android 8.1
CPU	Quad-core ARM Cortex A53, 1.4GHz
GPU	ARM Mali-T820 MP1
SDRAM	DDR3 2GB
Flash	Flash NAND 16GB

Structural features

Height x Length x Width (mm)	A128 x C192 x L24
Weight (g)	445
Protection degree	IP67

Work environment

Working temperature (°C)	-40 - +70
Storage temperature (°C)	-55 - +85



GNSS ANTENNA DATA

Frequency Range (MHz)

Gain (dBi)	<5.5
Overhead antenna signal	≤3.0
Horizontal coverage angle	360°
VSWR (Stationary Wave Ratio)	≤2.0
Phase center error (mm)	±2.0
Polarization	Right circular polarization
Impedance	50Ω

Electrical Specifications

LNA Gain (dB)	40±2
Noise Figure (dB)	≤1.8
VSWR (Stationary Wave Ratio)	≤2.0
Flatness in the band (dB)	±2.0
Operating voltage (V)	3.0V-18.0V
Operating current (A)	≤45mA
Differential propagation delay (ns)	≤5

Structural features

Diameter x Height (mm)	D160 x A66.5 (without rod)
Weight (g)	400
Protection degree	IP67

Work environment

Working temperature (°C)	-40 - +70
Storage temperature (°C)	-55 - +85