

User Manual



PROT156

BROADCAST MONITOR

FORTINGE

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ABOUT US

Fortinge is a Publishing Technology Company that aims to be known for innovation and development in the industry and develops products in line with this goal.

We develop products within the framework of efficiency and accessibility by analyzing the needs of different customer segmentations. In this context, while we produce solutions for large TV Studios that use the most advanced infrastructures, we also market suitable products for smaller studios and individuals who broadcast by scaling these solutions.

In addition to our hardware solutions, we develop and present our software products that will work in the most compatible way with these products to our customers.

We continue to work with high motivation with our team members who are experts in their fields, our customers, and dealers in more than 60 countries to achieve our goals of continuous innovation and development, complete customer satisfaction, and is a leading company in the sector.

MANUFACTURER DETAILS

Company Name : AKRATEK ELEKTRONİK SAN. İÇ VE DIŞ TİC. LTD.ŞTİ
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1 Operating Conditions

Electrical working values for Fortinge PROT156 are as follows;

- DC Input Voltage
- Ensure that the electrical components are correctly positioned during operation of the product.
- The working environment must be dust free.
- Ensure that there is no water and moisture in the work environment.

2 Safety Precautions

- Do not perform repairs or maintenance while the device is under electrical voltage.
- Do not apply pressure to electrical cables or devices.
- Do not remove the coverings of power or signal cables, and do not replace them with non-standard alternatives.
- Do not perform any work on the power cords without first disconnecting them.
- The Waste Electrical and Electronic Equipment (WEEE) Directive is a European Union regulation that outlines safe and responsible collection, recycling, and recovery procedures for all types of electronic waste.

3 General Introduction

3.1 Product Name

Fortinge PROT156

3.2 Model Numbers

PROT156

3.3 Technical Specifications

Screen Size	15.6"
Screen Type	TFT-LCD
Resolution	1366 x 768
Aspect Ratio	16:9
Brightness	200 cd/m ²
Contrast Ratio	600:1
Backlight	LED

General	
Input Voltage	DC 8 - 19V
Touch Screen	Capacitive, 10 points touch
Working Temperature	0°C - 40°C
Storage Temperature	-10°C - 60°C
Viewing Angle	45/45/20/40 (Typ.) (CR≥10) Left / Right / Up /
Optional Stand	Desktop and field use
Cabinet Size	381mm x 250mm x 55mm / VESA mount compatible

Input	
2 X USB	USB 2.0 high-current/fast-charging ports
1 X RJ45	Network (10/100/1000 Mb/s)

System Information	
CPU	INTEL® Quad Celeron 2.0GHz
Ram	Kingston 4GB DDR3
Harddisk	Kingston 60 GB mSATA SSD
OS	Windows 7

4 Product Description

4.1 Front Panel



4.2 Rear Panel



4.3 Rear Interfaces Instruction

1. POWER Button

- Turns the device on or off.
- The power indicator LED is usually integrated into this button and lights up when the device is operating.

2. LAN (Ethernet Port)

- Used for network connection.
- Enables remote control, software updates, or data communication over a local network.
- Standard RJ45 connector, supporting 10/100 Mbps Ethernet.

3. USB Port

- Connects external devices such as a keyboard, mouse, USB flash drive, or other accessories.
- Allows firmware updates or media/data transfer.
- Standard USB-A port, typically provides 5V / 2A output.

4. 12V DC Power Input

- Connects to the external DC power adapter.
- Input voltage: 12V DC, recommended power supply: minimum 4A output current.
- Connector type may vary (barrel jack or 4-pin XLR, depending on model).

4.4 Power Input Way

There are three ways of power supply to our monitor:

- Powered by the direct plug-in power input port supply.

Please select DC power plug supply and the polarity is as image below:



5 Installation Of The Product

5.1 Placing On The Work Place

The installation of the product in the final working area will be carried out by the customer.

Care must be taken, lifting points must be taken into consideration. Otherwise, the buyer will be responsible for the problems that may occur.

5.2 Assembly

The product, which is sent as a box, is assembled by the person to be performed by the authorized personnel of the customer and / or under the supervision of the person.

6 Technical Service

In case of malfunction and maintenance, the spare parts required by the customer will be delivered by the company within the deadline.

Interventions by people not authorized by the vendor within the warranty period will void the warranty terms.

Following the delivery of the product, in case of any failure other than the warranty period, the customer shall provide the service and repair service at the request of the firm in return for the fee.

7 Warranty Certificate

- Product Brand : Fortinge
- Product Name : PROT156
- Warranty Period : 12 months after delivery

7.1 Warranty Conditions

- Faulty material used while production and any kind of malfunction due to faulty workmanship will be eliminated without any charge from the vendor.
- All kinds of breakage and defects that may occur during the transportation, loading and downloading of the products are not covered under the warranty.
- Failure, breakdown and loss of natural conditions and natural disasters where the products are placed by the customer are not covered under the warranty.
- Breakage and malfunctions resulting from improper use during operation of the products are not covered under the warranty.
- The manufacturer commits and guarantees to provide spare parts and/or service for 10 years.

8 User Manual Delivery Report

Date:/...../20.....

The User Manual of Forting PROT156 has been delivered to the customer.

Upon recieval of this manual, the customer shall be deemed to have accepted that all information about the use of the device has been provided in its entirety.

On behalf of manufacturer
Deliverer

On behalf of buyer
Receiver

Name, Surname, Date
Signature

Name, Surname, Date
Signature