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USB/VGA Mini-Portable Projector Product Specification

Model: UP1



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1. General Description

UP1 Mini-projector is a perfect companion to Netbook and Notebook for small group presentation and entertainment purposes. It supports mirror mode and can serve as a secondary screen for worksheets, movies, and gaming. It has no internal battery and runs only on an USB cable. It fits into your pocket perfectly and now you can display big screen anywhere, anytime.

2. Projector Features.

Aspect Ratio	4:3
Uniformity	90%
Screen Size	Max 50 inch /Min 5 inch (Diagonal)
Resolution	640x480 Pixels
Luminous Flux	15 lumens
Contrast Rate	100:1
LED Life Time	20,000 Hours
USB Projector	Project PC screen via USB interface
Power Consumption	700 mA

3. Mechanical Spec.

Product Dimension	L8.8X W56X H21 mm
Weight	80 g
Material	Plastic
Color	Black
I/O	USB 2.0 mini B type (USB Device)
Wheel	Manual Focus

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4. Hardware Spec.

Projection	USB projector - Project PC screen via USB interface
USB Device	USB 2.0 mini B type
USB Driver	Built-in projector, just connect to PC USB as mass storage

5. Safty Spec.

EMC Category	FCC CE
Green Product Test	RoHS

6. Reliability Test

Test Item	Conditions
Cold Start / Hot Start	35°C / 10°C 10 times power-on
Thermal Shock	85°C / -40°C 2hrs 80% RH
High Temperature(operating)	45°C 2hrs
Low Temperature(operating)	5°C 96hrs
High Temperature(Non-operating)	85°C 96hrs
Low Temperature(Non-operating)	-45°C 96hrs
Lift Test	40°C 90% RH : 30 days(720hrs)
Vibration(Unit)	10-50-10Hz, 1 minute, 1.5mm, 1 hour per axis, total 3 axes.
Mechanical Shock(Unit)(TBD)	20 cm height, 6 planes, 2 cycles.
Mechanical Shock	20 cm height, 6 planes.
Drop Test(Package)	120cm height, 1 comer, 3 edges, 6 planes.

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7. Package Spec.

Accessories Included:

Projector	Projector
User's Manual	English
USB Cable	80cm USB Cable X 1

8. Package Information

Cobr Box Dimension	20X 15X 8 cm
Cobr Box Weight	400 g
Carton Dimension	43 x 18 x 43cm (Inner 10 pcs)
Carton Weight	5 KG