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Product Specification

Product Model	YT-DM153
Product Name	DM 1.53 Full Flip-Chip COB Module
Version Number	V1.3
Control Status	受控 Controlled



Product Specification

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Document Change History

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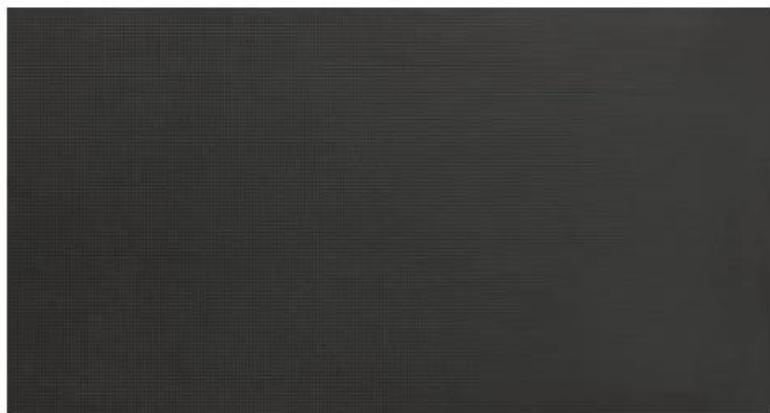
1. Product Description

This full flip-chip COB display module is compatible with standard 640x480mm cabinets and supports custom-sized splicing for various application needs, for high-definition video and image display.

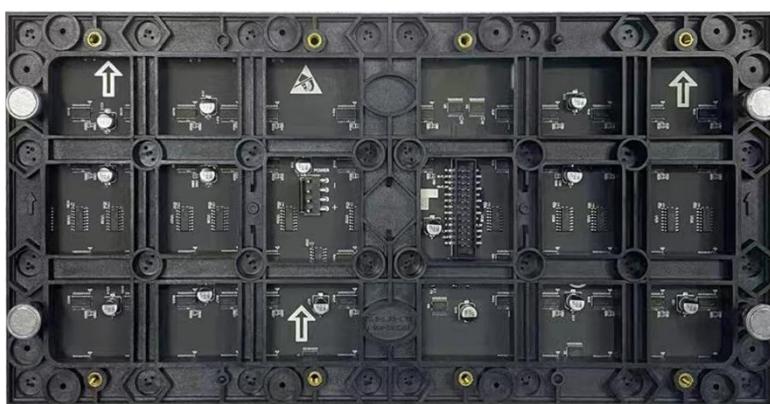
2. Product Dimensions

Module Dimensions: 320mm(W)*160mm(H)

Module Front View:



Plastic Back Shell:



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3. Specifications

Model	YT-DM153
Pixel Pitch	P1.538
Pixel Density (px/m²)	422500
LED Packaging Method	Full Flip-Chip COB
Module Size	320*160mm
Module Resolution (pixels)	208*104
Back Shell Material	Plastic Back Shell
Module Weight (Kg/pcs)	0.5
Flash Correction Storage	Yes
White Balance Brightness (nits)	600
Viewing Angle	Horizontal: 170°, Vertical: 160°
Refresh Rate (Hz)	≥3840
Contrast Ratio	10000: 1
Color Temperature (K)	3000-10000(Adjustable)
Brightness Uniformity	98%
Chroma Uniformity	±0.002Cx,Cy
Brightness/Chroma Correction	Yes
Frame Change Frequency (Hz)	60
Grayscale (bit)	16
Max. Power Consumption (W/m²)	420
Average Power Consumption (W/m²)	140
Display Unit Input Voltage	AC 100~240V 50/60Hz
Operating Voltage (V)	≥DC 4.5
Module Signal Interface	HUB320
IP Rating	IP54(Surface can be cleaned with water)
Operating Temp. & Humidity	- 10°C~+40°C/10%RH~90%RH
Storage Temp. & Humidity	- 40°C~+60°C/10%RH~90%RH
Operating Life (Hours)	100000
Certifications	CCC, CQC, CEC, CE, FCC, ROHS, TUV, etc.

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4. Warranty Description

No.	Material Name	Warranty Period	1-Year Extended Warranty Fee	2-Year Extended Warranty Fee	3-Year Extended Warranty Fee
1	Flip-Chip COB Module YT-DM Series	1 Year	4%	5%	6%
2	Receiving Card	1 Year	4%	5%	6%
3	Power Supply	1 Year	4%	5%	6%

5. Usage Precautions

Item	Content
Handling Guidelines for Prolonged Storage	If the product remains unopened for over one month or powered off for over 48 hours after opening, it requires a 6-hour aging process before normal use. Aging Procedure: Full Brightness 10% - 1hr; 30% - 1hr; 60% - 2hrs; 80% - 1hr; 100% - 1hr (Gradually increasing brightness).
Dust Prevention	Do not expose the product to dusty environments (e.g., studio renovation). Special protection for the display cabinet is required.
Corrosive Gas Prevention	Corrosive gases (containing salt or acid vapors) can cause corrosion of electronic components, crystal leakage, etc.
Electromagnetic Interference Prevention	The module should not be placed near interference sources where electromagnetic/radio frequency radiation exceeds 5 V/m field strength.
Static Prevention	Prevent damage to electronic components from static electricity in humid environments and avoid electric shock hazards.
Vibration Prevention	The display screen should be installed on a strong and reliable mounting structure without strong vibration.
Rear components: Keep away from water	Indoor products have a low IP rating. Water conductivity can cause short circuits and damage components. Keep away from water sources.