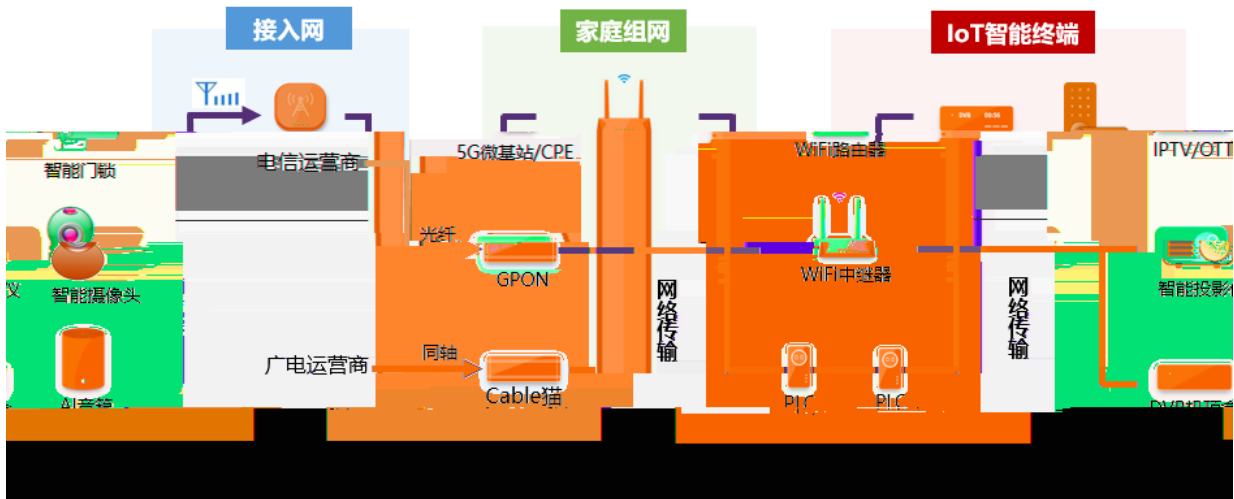


1



	GPON		CableModem		Wi-Fi		Wi-Fi	
	PLC	G.hn PLC						
			5G		5G			
5G								
IoT				IoT				
<b>3 LED</b>								
	2011	LED			LED			
		LED						
LED								
		LED						
					50-60	4		
2020					2021		5	4
			+				PSS	LED
	LED							
LED		LED						
					LED			
							LED	
							Mini LED	
		LED	LED		P0.6~1.0	Mini LED		
Micro LED								

		LED	
LED	2020	23.38	2400
		LED	
LED			ODM

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	11,396,211,070	9,751,949,960.	9,739,735,275.	
	.17	81	92	17.01%

	2				
	2020	12	31	10	22,781,800
	22,781,800				16,540,101
					16,540,001

**2****10****3****5****1**

1200  
44% DISCIEN 2020 TV ODM 95% 50 1.34 0.2% ODM ODM

Roku Android TV Fire TV 2020  
90%

2020 OTT

**IoT 5G**  
IoT

2020 19.8

Wi-Fi6 10G PON 5G  
10G PON

Wi-Fi6 Sub-6 5G IoT  
Wi-Fi 4K\8K HDR AI

5G 5G

**LED**

36.82                      LED                      2020  
 71.63%

LED                      2019                      2020

Mini LED                      Mini LED                      RGB                      UV VCSEL                      Micro LED

EAP                      SAP                      MES  
 90%                      70%  
 PSS

LED                      2011                      LED                      LED

Mini LED                      LED                      LED

LED                      LED                      LED                      Mini/Micro

LED                      LED                      LED                      LED

Mini    Micro LED                      0.3mm    0.9mm    Mini LED                      LED

LED                      ODM                      LED

ODM                      LED



2

3

10%

	15,976,163,342.86	2,206,970,754.73	13.81%	44.97%	55.07%	0.90%
LED	3,682,006,414.94	428,444,537.93	11.64%	71.63%	1.33%	-8.07%
	528,056,841.29	441,247,320.97	83.56%	275.78%	264.02%	-2.70%

4

5

6

7

1

2020 1 1

14

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2

		2019	
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