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100.00

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24

16 13 12 10 9 8 7 6 5 4 3

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55 DID

91

1080P

82 1080P

1 1080P

8 1080P

GB/T 28181-2011

4.1

4.3

4.4

4.5

4.6

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4.7

5.1

2019

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82

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15 55

5.2

IP

1080P

1080P

1080P



5.3

5.3.1

IP

91 1080P

82 1080P

1 1080P

8 1080P

1		400 1/1.8" CMOS 7.1	82	
2		400 1/2.7" CMOS 7.2	1	
3		400W CMOS 7.3	8	
4			82	
5		DM-W43 DM-W46	8	
6			83	
7		4 250*300*150	8	
8		/8U48 /2048Mbps /SATA / SAS / 64 8GB 128GB ,4 6 / / 7.4	1	
9	32	32 IPCam 4K/400 /1080P/720P/D1/CIF/QCIF 7.5	3	
10		6000G/7200RPM/128M/6Gb/SATA3.0	24	

11		1500 7.6	1	
12		55' , :LED ; :3.5mm, :500cd/ , :1920*1080 7.7	15	
13		55	15	
14		19" ≤4U IP GB28181 ONVIF 7.8	1	
15		20 7.9	1	
16		CPU Intel CPU I7-6700 8M Intel B250 16GB 7.10	2	
17		1595 *950 *750 ,	1	
18	UPS	10KVA 2 MPL 100AH16 c16	1	

19

23		RVV3*1.0	12500	
24		8	5500	
25			5	
26			5	
27		19 2U	1	
28	8	S1700-8G-AC(8 10/100/1000Base-T ,	10	
29		24	6	
30		8	10	
31		1.5m/2m/3m LC-LC LC-SC	10	
32		1.5m	128	
33		LC	64	
34			128	
35	42U	42U	2	
36	9U	9U	10	
37		300*400*200 250*300*150	88	
38		1 ~1.5	5	
39			750	
40	PVC	PVC	1	

41

7. 1

(1) 400W CMOS 2560x1440

(2) ▲ SD

(3) ▲ /

(4) 2560x1440 @20fps 2Mbps RJ45

1600TVL

(5) 0.001 1x 0.0001 1x

(6) H. 265 H. 264

(7) 8

(8)

(9)

(10)

(11)

(12)

(13)

(14) DC12V/P0E DC12V $\pm$ 30%

(15) 2 2 1 1

1 RS232 1 SD

(16) IP67 IK10

7. 2

(1) 400W CMOS 2560x1440

(2) ▲ 2560x1440@30fps 2Mbps RJ45

1600TVL

(3)	▲	≤ 90ms			
(4)	1		1	1	1
		1	SD		
(5)		0.001	1x	0.0001	1x
(6)	H.264	H.265			
(7)					
(8)		11			
(9)		58dB			
(10)		105dB			
(11)			50		
(12)	IE			gamma	
(13)	10				
(14)	▲	IP	IP		
(15)		IE			IE
(16)	▲		SVC		
(17)		DC12V/POE		DC12V ± 30%	
(18)		IP67	IK10		
7.3					
(1)	400W	CMOS			
(2)	30				
(3)		60	/	2560 × 1440@30fps	1920 × 1080@60fps
	1024@60fps	1280 × 960@60fps	1280 × 720@60fps		1280 × 2592
	× 1520	25		4Mbps	RJ45

	1600TVL			
(4) ▲		550m		
(5)				smart264
			1/3	
(6) ▲		105dB		116
(7)	1000			

(6)	5	100M/1000M	RJ45		4	1000M
		2	10000M			
(7) ▲						
(8)		3	8	1		
(9) ▲						
(10)						
			90Mbps			
(11)					samba	nfs
(12)						
7.5						
(1) ▲		8	SATA	SATA		10TB
			eSATA		SSD	
	8	IPSAN				
(2)						/
			≥ 5s			
(3) RAID						
		RAID				
(4)		32	IPC	640Mbps,		640Mbps,
			640Mbps,	128Mbps		
(5)				IE	GUI	RAID
		RAID0	RAID1	RAID5	RAID6	RAID10 RAID50
(6) ▲		RAID				1
			RAID			

(7)

(8) $\text{IPC} \leq \text{CVS} \leq \text{WEB}$

(9)

(10) 180° 360° , ,

1000 2000

$$(10) \quad \begin{matrix} 180^\circ & 360^\circ \\ 4000 \times 3000 \end{matrix}, \quad ,$$

(11) $\blacktriangle$ IPC IPC IPC

(12) IPC

(13) 1 100

(12) 1-100

(13) ▲

AAC PCM

G.711u G.711a G.726 G.722.1 G.729

MP3

(16)	OEM			
7.6				
(1)	≥ 2000			
(2) ▲				
(3)	IP	GB28181	ONVIF	
(4)	/	GIS		
(5) ▲				100
(6)	RAID0/RAID1/RAID5			
(7) ▲		10		9000
		200		
(8)				
(9)			MAC	
(10)	N+M	$M \geq 1$		
(11)				
(12) ▲				
(13)				
(14)				

(15) /

AVI MP4 flv

(16) ▲

(17) ▲

7.7

(1) 55 LED

(2) 3.5mm 8ms

(3) 500cd/m2 4000:1 160 °
160 ° ≥ 800TVL ≥ 10

(4)

(5)

(/P <</MC 14.04 Tf10 0 1 487.06 498.91 Tm1)TJETJE4 Tf1D01C2C0504088331254

(10)	≥	200W			
	GT17626.5-2008			AC 165V/50Hz-265V/50Hz	
(11)	M-ATX		≤ 15L		Reset
				IP5X	
(12)	≥ 23.8	WLED		1920*1080	
(13)					
(14)					
(15)			254		
(16)	Windows				
(17)		IP	ID		ID
(18)					
(19)					
(20)		USB	/	U	/
(21)				/	/
(22)					
(23)					
(24)					
(25)		,			
(26)	▲			ISO50001	
			/	/	

	3C	B	
		45	90% 2h

(27) ▲

YD/T1542-2006

7. 11

	▲ ≥ 330Gbps ≥ 85Mpps
	▲ ≥ 4, ≥ 24 ≥ 28
802. 1Q VLAN	4K 802. 1Q VLAN
	Protocol Based VLAN
	Private VLAN
	QinQ
	LACP(802. 3ad)
ACL	IP ACL IP ACL
	IP ACL IP TCP/UDP
	ACL
	MAC ACL MAC MAC ACL
	ACL80
QoS	
	802. 1p/DSCP/TOS
	8
	SP WRR DRR SP+WRR

	,
	IP IP ; ARP
L2	IEEE802.3 IEEE802.3u IEEE802.3z IEEE802.3x IEEE802.3ad IEEE802.1p IEEE802.1x IEEE802.3ab IEEE802.1Q (GVRP) IEEE802.1d IEEE802.1w IEEE802.1s IGMP Snooping v1/v2/v3
openflow	openflow 1.3,
	IEEE 802.3az EEE EEE
EEE	24W ≤
IP	IPv4 IPv6
	SNMPv1/v2C/v3 CLI(Telnet/Console) RMON(1,2,3,9) SSH Syslog NTP/SNTP Web
	≥ 10KV

1
