

PROPUESTA DE ESPECIFICACIONES TECNICAS

Ítem 1: Cámaras Bullet IP, 4MP Modelo: DS-2CD2646G2T-IZS



- Varifocales
 - Sensor de imagen 1/3 progressive Scan CMOS
 - Máxima resolución 2688 x 1520
 - Día y noche IR cut filter
 - Ajuste de ángulo pan: 0 a 355, tilt 0 a 90, rotate: 0 a 360
 - Longitud focal del lente: FOV 2.8 a 12mm, horizontal FOV 108 a 30, vertical FOV 56 a 17, diagonal FOV 131 a 35
 - Rango de luz suplementaria hasta 60 m
 - Video convencional 60hz: 30 fps (2688x1520, 1920x1080, 1280x720)
 - Compresión video H.265/265+/H.264/264+/MJPEG
 - Protocolo de red TCP/IP, ICMP, IPv4, IPv6, DNS, DDNS, DHCP, RTSP, SADP, SMTP, IGMP, 802.1x, QoS, SNMP, SSL/TLS, iSCI, ISUP, UPnP, HTTP, HTTPS, PPPoE, Bonjour, ARP
 - Almacenamiento de red, microSD/SDHC card (256 GB) local storage, and NAS (NFS, SM/CIFS) auto network replenishment (ANR)
 - Imagen: interruptor día/noche, auto Schedule
 - Amplio rango dinámico 120dB
 - Interface ethernet 1 RJ45 10 m/100 M Self adaptive ethernet port.
 - Certificación EMFCC (47 CFR part 15, Subpart B); CE-EMC (EN 55032, EN 61000-3-2, EN 61000-3-3, EN 50130-4 : A1) ; RCM (AS/NSZ CISPR32) ; KC (KN 32, KN 35)
 - Protección IP 67
 - 4 mpx
 - IP 2.0
 - Lente 2.8mm
 - 0.01 lux@ f1.2
 - Día y noche real (filtro ICR)
 - WDR, 3D-NDR, CMOS 1/3" escaneo progresivo
 - Protección IP 67
- Dos años de garantía



Ítem 2: Gabinetes 9U
Modelo: LN-PR09U6060-BL
LANDE GABINETE 09U 600X600MM

Gabinetes de red de la serie PROline que están diseñados para un rendimiento superior para transportar equipos de telecomunicaciones pesados, UPS y baterías.

Especificaciones Técnicas

Depth : 600 mm

Equipment mounting rail height : 9 U

Color : 7035 RAL

Width : 600 mm

Net weight : 22 kg

Height : 505 mm

Gross weight : 25 kg

Rail to rail length : 19 "

Wallmounting : Yes

30 días de garantía.



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Ítem 3: Gabinetes 7U
Modelo: LN-PR07U6060-BL
LANDE GABINETE 07U 600X600MM

Gabinetes de red de la serie PROline que están diseñados para un rendimiento superior para transportar equipos de telecomunicaciones pesados, UPS y baterías.

Especificaciones Técnicas

Equipment mounting rail height : 7 U

Gross weight : 21 kg

Rail to rail length : 19 "

Color : 9005 RAL

Depth : 600 mm

Height : 418 mm

Width : 600 mm

Net weight : 18 kg

Wallmounting : Yes

30 dias de garantia.



DS-2CD2646G2T-IZS

4 MP AcuSense Powered-by-DarkFighter Motorized Varifocal Bullet Network Camera

AcuSense

Powered by

DarkFighter



Empowered by deep learning algorithms, Hikvision AcuSense technology brings human and vehicle targets classification alarms to front- and back-end devices. The system focuses on human and vehicle targets, vastly improving alarm efficiency and effectiveness.

- High quality imaging with 4 MP resolution
- Excellent low-light performance with powered-by-DarkFighter technology
- Motorized varifocal lens for easy installation and monitoring
- Clear imaging against strong backlight due to 120 dB true WDR technology
- Efficient H.265+ compression technology
- Focus on human and vehicle targets classification based on deep learning
- Audio and alarm interface available
- Water and dust resistant (IP67) and vandal-resistant (IK10)



▪ Specification

Camera

Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	Color: 0.003 Lux @ (F1.4, AGC ON), B/W: 0 Lux with IR
Max. Resolution	2688 × 1520
Shutter Time	1/3 s to 1/100,000 s
Day & Night	IR cut filter
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°

Lens

Focal Length & FOV	2.8 to 12 mm, horizontal FOV 108° to 30°, vertical FOV 56° to 17°, diagonal FOV 131° to 35°
Lens Type	Varifocal lens, motor-driven lens, 2.8 to 12 mm
Aperture	F1.4
Lens Mount	Ø14
Iris Type	Fixed

DORI

	2.8 to 12 mm:
DORI	Wide: D: 64.0 m, O: 25.4 m, R: 12.8 m, I: 6.4 m Tele: D: 190 m, O: 75.4 m, R: 38.0 m, I: 19.0 m

Illuminator

Supplement Light Type	IR
Supplement Light Range	Up to 60 m
IR Wavelength	850 nm
Smart Supplement Light	Yes

Video

Main Stream	50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)
Sub-Stream	50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360)
Third Stream	50 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) 60 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) *Third stream is supported under certain settings.
Video Compression	Main stream: H.265/H.264/H.265+/H.264+ Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264 *Third stream is supported under certain settings.
Video Bit Rate	32 Kbps to 8 Mbps
H.264 Type	Baseline Profile/Main Profile/High Profile
H.265 Type	Main Profile
Bit Rate Control	CBR/VBR
Scalable Video Coding (SVC)	H.264 and H.265 encoding
Region of Interest (ROI)	1 fixed region for main stream and sub-stream

Audio

Environment Noise Filtering	Yes
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz



Audio Compression	G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC
Audio Bit Rate	64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps (MP2L2)/8 to 320 Kbps (MP3)/16 to 64 Kbps (AAC-LC)
Network	
Simultaneous Live View	Up to 6 channels
API	Open Network Video Interface (Profile S, Profile G, Profile T), ISAPI, SDK, ISUP
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, PPPoE, SNMP, ARP, WebSocket, WebSockets
User/Host	Up to 32 users 3 user levels: administrator, operator, and user
Security	Password protection, complicated password, HTTPS encryption, IP address filter, Security Audit Log, basic and digest authentication for HTTP/HTTPS, TLS 1.1/1.2, WSSE and digest authentication for Open Network Video Interface
Network Storage	NAS (NFS, SMB/CIFS), auto network replenishment (ANR) Together with high-end Hikvision memory card, memory card encryption and health detection are supported.
Client	iVMS-4200, Hik-Connect, Hik-Central Plug-in required live view: IE 10, IE 11,
Web Browser	Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Edge 89+, Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+
Image	
Wide Dynamic Range (WDR)	120 dB
SNR	≥ 52 dB
Privacy Mask	4 programmable polygon privacy masks
Day/Night Switch	Day, Night, Auto, Schedule
Image Enhancement	BLC, HLC, 3D DNR
Image Parameters Switch	Yes
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser
Interface	
Alarm	1 input, 1 output (max. 24 VDC/24 VAC, 1 A) 1 input (line in), two-core terminal block, max. input amplitude: 3.3 Vpp, input impedance: 4.7 KΩ, interface type: non-equilibrium,
Audio	1 output (line out), two-core terminal block, max. output amplitude: 3.3 Vpp, output impedance: 100 Ω, interface type: non-equilibrium
On-Board Storage	Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB
Reset Key	Yes
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
Event	
Basic Event	Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception
Linkage	Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger recording, trigger capture, audible warning
Smart Event	Scene change detection



Deep Learning Function

Face Capture	Yes
Perimeter Protection	Line crossing, intrusion, region entrance, region exiting Support alarm triggering by specified target types (human and vehicle)

General

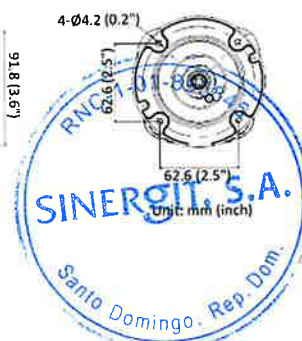
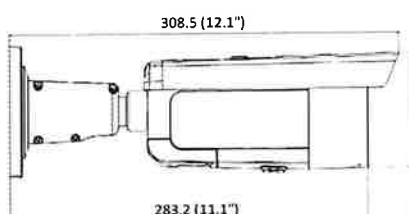
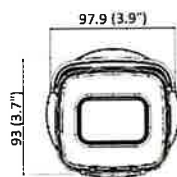
Power	12 VDC $\pm$ 25%, 1.08 A, max. 13 W, $\varnothing$ 5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3at, Class 4, max. 15 W
Storage Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)
Startup and Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)
Material	ADC12
Dimension	97.9 mm $\times$ 93 mm $\times$ 308.5 mm (3.9" $\times$ 3.7" $\times$ 12.1")
Package Dimension	385 mm $\times$ 190 mm $\times$ 180 mm (15.2" $\times$ 7.5" $\times$ 7.1")
Weight	Approx. 1355 g (3.0 lb.)
With Package Weight	Approx. 2011 g (4.4 lb.)
Language	33 languages: English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil), Ukrainian
General Function	Heartbeat, mirror, flash log, password reset via email, pixel counter, anti-banding

Approval

EMC	FCC (47 CFR Part 15, Subpart B); CE-EMC (EN 55032: 2015, EN 61000-3-2: 2014, EN 61000-3-3: 2013, EN 50130-4: 2011+ A1: 2014); RCM (AS/NZS CISPR 32: 2015); KC (KN 32: 2015, KN 35: 2015) UL (UL 60950-1);
Safety	CB (IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013); CE-LVD (EN 60950-1: 2005 + Am 1: 2009 + Am 2: 2013); LOA (IEC/EN 60950-1)
Environment Protection	CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006) IP67 (IEC 60529-2013), IK10 (IEC 62262:2002)

Available Model

DS-2CD2646G2T-IZS(2.8-12mm)(C)

Dimension


ep

▪ Accessory

▪ Optional

DS-1275ZJ-SUS
Vertical pole mount



DS-1276ZJ-SUS
Corner mount



DS-1260ZJ
Junction box



DS-1280ZJ-S
Junction box



DS-1275ZJ-S-SUS
Vertical pole mount



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19" NETbox Wall Mounting Cabinets

Width: 600 mm
Depth: 600 mm

Load Capacity: 80 kgs.

U Height: 7U, 9U, 12U, 16U and 20U

Standards and Compliances:



ISO 9001
Quality Management System

EN 61587-1
Mechanical Structures for
Electronic Equipment

IEC 297-1, 19" Mounting
IEC 297-2 Overall Cabinet Dimensions

EN/IEC 60529- IP20 Ingress Protection
performance

EN/IEC 62262- IK07 Mechanical
Impact Resistance



CE conform to
EN 60950-1
Information Technology
Equipment, Safety,
Part-1: General Requirement

EN IEC 62368-1 Audio/Video,
Information and Communication
Technology Equipment
Part 1: Safety requirements



UL listed to
UL 2416, Outline of Investigation for
Audio/Video, Information and
Communication Technology Equipment
Cabinet, Enclosure and Rack
Systems; UL 60950-1 and CSA
C22.2 NO. 60950-1-07, Information
Technology Equipment Safety
Part 1: General Requirements



Environment Friendly;
ISO 14001 Environmental
Management System
RoHS compliancy
%100 Recyclable Material

Standard Colors:



RAL 7035 Light Grey



RAL 9005 Black



NETbox Series Wall Mounting Networking Enclosures, with 19" w:600 mm and d:600 mm physical sizes, with max internal usable depth and 5 different height.

All Lande NETbox Wall cabinets are being delivered as a single piece pre-assembled enclosure, with standard factory settings.

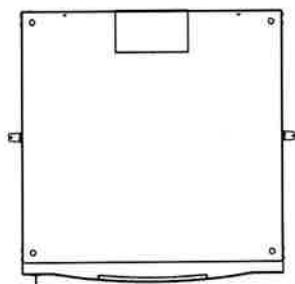
The Lande NETbox has an option of doors to suit customer specific applications.

*** Please see door options in page 4.

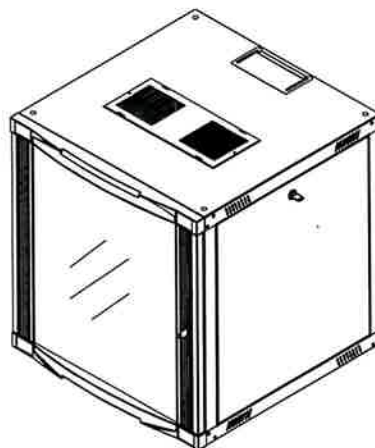
19" NETbox Wall Mounting Cabinets

Width: 600 mm
Depth: 600 mm

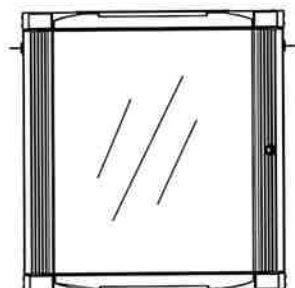
Construction Drawings



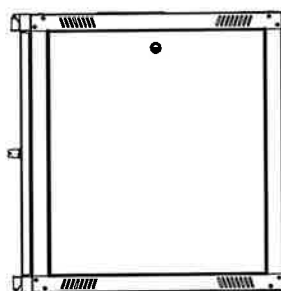
Bottom view



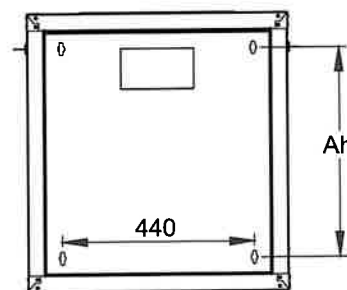
Isometric view



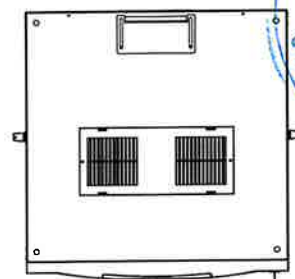
Front view



Side view



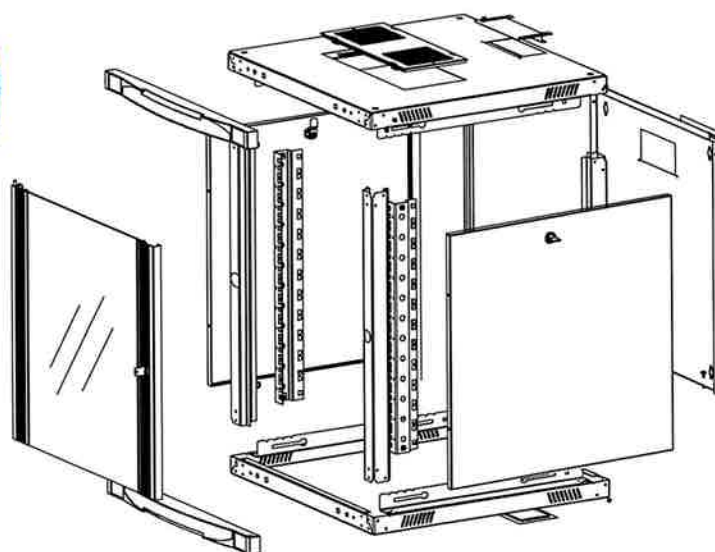
Rear view



Top view



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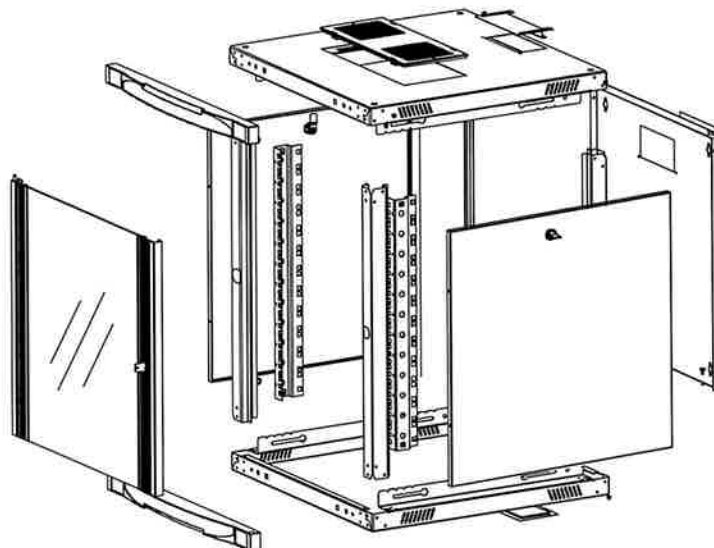


Exploded view

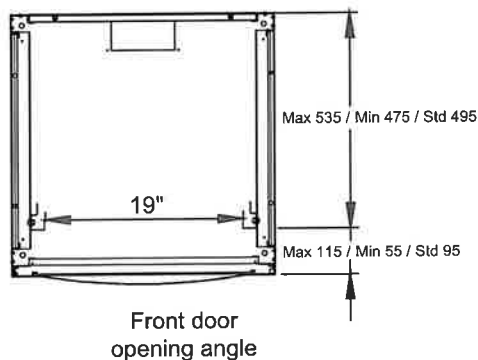
19" NETbox Wall Mounting Cabinets

Width: 600 mm
Depth: 600 mm

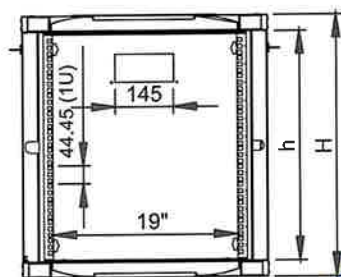
Construction Drawings



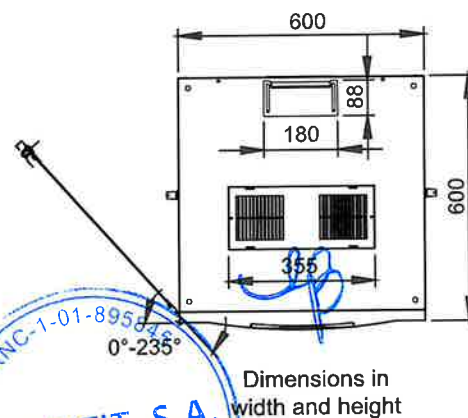
Exploded view



Front door
opening angle



Max. / Std. / Min.
Equipment mounting distance



Dimensions in
width and height

19" NETbox Series Wall Mounting Cabinets W=600 mm D=600 mm

***Product Number	Product Description	Size WxDxH mm	h Size in U	h in mm	*H mm, overall without feet and/or castor	h Wall Mounting h mm	Width Overall mm	Width Rail to Rail	Depth Overall mm	**Depth Shipping Conf. Rail to Rear Panel mm	QTY IN PACKAGE	PACKING DIMENSIONS WxDxH mm	Standard NET Weight of Product kgs	Gross Weight of Product kgs	QTY IN PALLET	PALLET DIMENSIONS WxDxH mm	Pallet Weight kgs
LN-WM07U6060-CC-111	7U 19" Wall Mounting Cabinet W=600 mm D=600 mm	600x600x423	7U	311	418	260	600	19"	600	495	1	620x620x450	18	19	20	1300x1300x2400	406
LN-WM09U6060-CC-111	9U 19" Wall Mounting Cabinet W=600 mm D=600 mm	600x600x512	9U	400	505	349	600	19"	600	495	1	620x620x540	20	21	16	1300x1300x2280	362
LN-WM12U6060-CC-111	12U 19" Wall Mounting Cabinet W=600 mm D=600 mm	600x600x646	12U	533	640	482	600	19"	600	495	1	620x620x670	24	25,3	12	1300x1300x2150	329
LN-WM16U6060-CC-111	16U 19" Wall Mounting Cabinet W=600 mm D=600 mm	600x600x824	16U	711	818	660	600	19"	600	495	1	620x620x850	28	29,5	10	1300x1300x2450	321
LN-WM20U6060-CC-111	20U 19" Wall Mounting Cabinet W=600 mm D=600 mm	600x600x1001	20U	889	996	838	600	19"	600	495	1	620x620x1030	32	33,7	8	1300x1300x2250	295

* Please add 30 mm to H mm once used with leveling feet, add 60 mm to H mm once used with castor set.

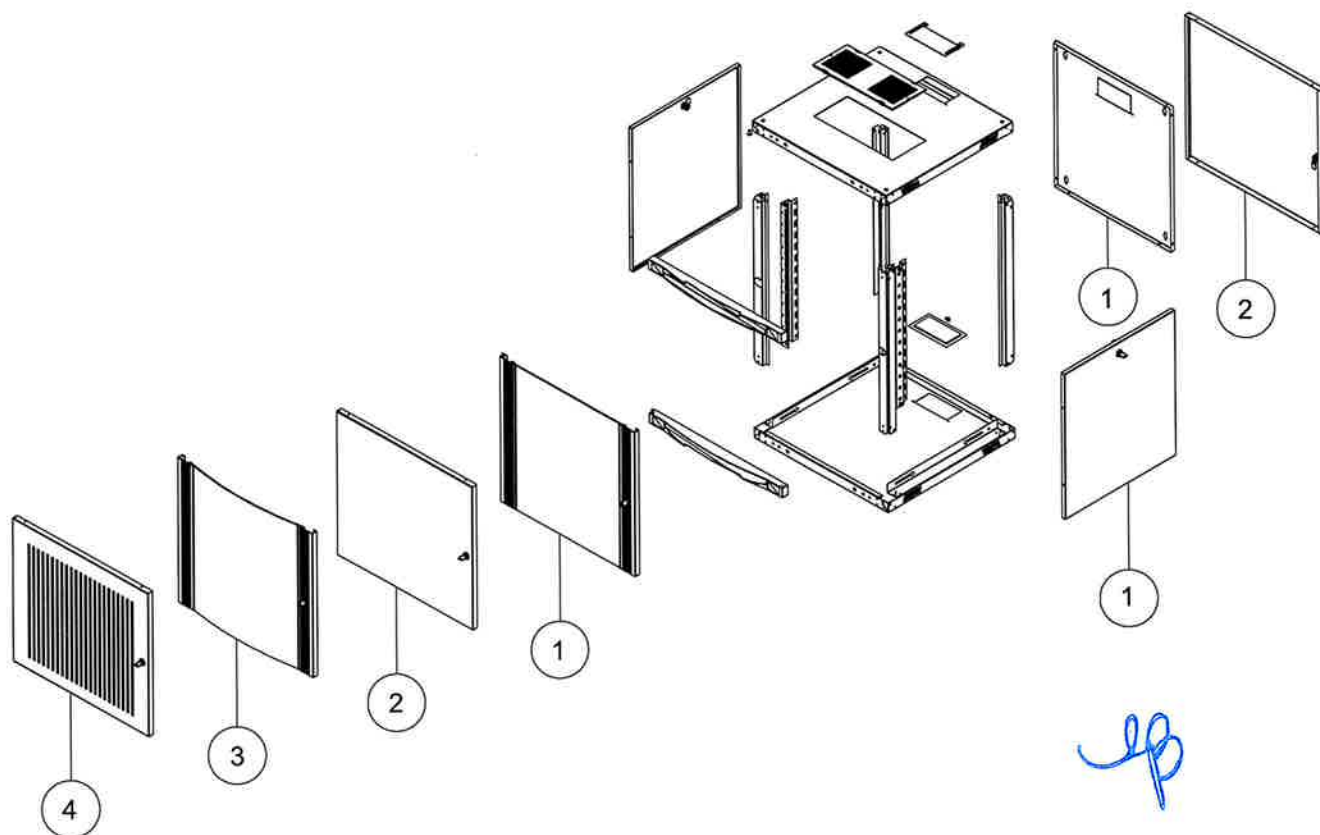
** See min and max adjustable depth variations on drawings.

*** CC= LG for Light Grey RAL 7035 & BL for Black RAL 9005 for customers to define while ordering, for "111" selection please see the door options.

19" NETbox Wall Mounting Cabinets

Width: 600 mm
Depth: 600 mm

Door Options



NETbox Wall Mounting Cabinet W=600 mm D=600 mm All Heights FRONT DOOR Options	NETbox Wall Mounting Cabinet W=600 mm D=600 mm All Heights REAR DOOR Options	NETbox Wall Mounting Cabinet W=600 mm D=600 mm All Heights SIDE PANEL Options
1 Single opening, flat shape, side framed glass front door, single point barrel lock 2 Single opening, flat shape, complete solid metal front door, single point barrel lock 3 Single opening, curved shape, side framed glass front door, single point barrel lock (Applicable on all U heights, please contact your sales representatives as it has MOQ.) 4 Single opening, flat shape, %63 perforated metal front door, single point barrel lock	1 Factory configured screwed and mechanically locked rear panel included 2 Hinged single point lock rear door	1 Both sides equipped with standard side panels 0 No side panels on cabinet
LN-AA - XXU - WW - DD - CC		0 0 0
LN: Corporate codification beginning letters mentioning Lande in Short Format as LN AA: Family group of enclosure; WM for wall mounting cabinets XX: Numeric character defining the height of enclosures, depending on model differences between 07 to 20 to be selected from price list, website or catalogue U: U height alfa-numeric notation (non editable- fixed character) WW: The first 2 digits of the width info, 60 for W=600 mm cabinets DD: The first 2 digits of the depth info, 60 for D=600 mm cabinets CC: Color code, LG for Light Grey RAL 7035, BL for Black RAL 9005		2-3-4 are options, unless defined, configuration will be standard glass front door with option number 1. Two options, unless defined, screwed mechanically locked rear panel which is option number 1 will be in shipping configuration. 1 both sides equipped with standard side panels 0 no side panels on cabinet.