

RESOLUTION
of the
BOROUGH OF NEW PROVIDENCE
Resolution No 2018-079

Council Meeting Date: 03-12-2018

Date Adopted: 03-12-2018

TITLE: RESOLUTION APPROVING PURCHASE ORDER FOR HOWARD TECHNOLOGY SOLUTIONS, IN AN AMOUNT NOT TO EXCEED \$36,000.00, STATE CONTRACT NO. NJ NCPA CONTRACT #01-45

Councilperson Muñoz submitted the following resolution, which was duly seconded by Councilperson Geoffroy.

BE IT RESOLVED by the Mayor and Council of the Borough of New Providence, in the County of Union and State of New Jersey, that they do hereby approve purchase as follows:

- Capital - C-04-55-963-130-300100
C-04-55-965-130-300100

- Amount - \$16,204.66
\$19,795.34

Said purchase order is made and approved in the form as attached hereto and made a part thereof. Funds for said purchase order are certified available from Current Budgeted Appropriations.

APPROVED, this 12th day of March, 2018.

RECORD OF VOTE

	AYE	NAY	ABSENT	NOT VOTING
GENNARO	X			
GEOFFROY	X			
KAPNER	X			
MADDEN			X	
MUÑOZ	X			
ROBINSON	X			
MORGAN			TO BREAK COUNCIL TIE VOTE	

I hereby certify that the above resolution was adopted at a meeting of the Borough Council held on the 12th day of March, 2018.

Wendi B. Barry, Borough Clerk

Memorandum

To: Doug Marvin, Borough Administrator

From: Keith J. Lynch, Director of Planning & Development

CC: Mayor & Council

Date: March 9, 2018

Re: Recommend Award of Contract Purchase-Municipal Courtroom Audio/Visual

The Borough has received a proposal from Office Business Systems Incorporated (OBS) to supply and installed an Audio/Visual Upgrade to the newly renovated Municipal Court Room. OBS has submitted a design build package in conjunction with Howard Technology Solutions. The project has been submitted in accordance with New Jersey State Contract guidelines. The quote is bounded in Contract NJ NCPA Contract#01-45.

Scope of Work Project 1 includes: Installation and integration of existing FTR system and audio equipment. Rewire and reinstall microphones, recording system and speakers and controls. Install audio equipment into a rack system. Provide assistive listening system for ADA compliance including portable ear speakers for use by the general public, transmitters and transmitter antenna.

Scope of Work Project 2 includes: Furnish and install A/V Presentation System consisting of (4) 43" and (2) 65" LED TV's, Matrix Switcher, and HDMI Balun converters.

Scope of Work Project 3 includes: Install and configure Audio/Video camera system with video management console designed for active control of cameras for recording, live broadcast, or rebroadcast of municipal meetings.

Contract Pricing:

A/V Solution Project 1 \$8,090.28

A/V Solution Project 2 \$14,894.28

A/V Solution Project 3 \$12,854.08 (revised total for PTZ camera option)

At this time I would recommend that Council approve the contract purchase with Howard Technology Solutions for a sum not to exceed \$36,000. This project would be coordinated to work simultaneously with the present renovation project.

Thank you for your consideration in this matter.

attachments



For **The Record**

Court & Council Audio/Video Upgrade Proposal
For
Borough of New Providence

Keith J. Lynch
Director of Planning & Development

Wendi Barry
Borough Clerk

Presented by:

Bonnie Godfrey
Office Business Systems Inc.
Communications Recording Specialist

February 28, 2018



OBS CREDENTIALS

- 50+ Years In Business---Established In 1965
- 30 Years Recording Experience
- Over 350 FTR Systems Installed In NJ
- 30 Full Time Employees
- Extron Certified A/V Integrator
- Microsoft Certified Reseller
- Cisco Certified Reseller
- 24 Hour Technical Support Center
- AAA Dun And Bradstreet Rated Company
- Privately Held OBS Leasing Company

*Court & Council Audio/Video Upgrade Proposal
For
Borough of New Providence*

Project 1 Scope of Work

(1) Audio Visual and Instructional Solutions

Assistive listening system for ADA compliance

Listen Technology Assistive Listening System

Includes the following:

- (1) Listen LT-800 Stationary RF Transmitter
- (3) Listen LR-500 Portable RF Receiver
- (3) Listen LA-164 Ear Speaker
- LA-123 Listen Technologies Transmitter Antenna

(2) Installation and Integration Services

(A) Relocate existing equipment rack, FTR system and audio equipment to new equipment room. (B) Test, adjust newly configured sound reinforcement speaker system (cabled and installed by others). (C) Cable terminate new XLR interface, level adjust and test existing 11 gooseneck mics/bases and 1 wireless mic system. (D) Cable, install, and test 2 existing attenuators. (E) Smart Rack Low Profile Switch Depth Wall Mount Rack Enclosure Cabinet with Clear Acrylic Window Included

*Court & Council Audio/Video Upgrade Proposal
For
Borough of New Providence*

Project 2 Scope of Work

Furnish and Install A/V Presentation System consisting of (4) 43" and (2) 65" LED TV's, Matrix Switcher, and HDMI Balun converters. Includes all required professional services.

- 4 43" LED 1080p LG Smart HDTV Black: 38.5 x 22.6
 - (4) TV Ceiling Pole Mount
- 2 65" LED 4K Ultra LG Smart HDTV 57 x 33
 - (2) Flat Wall Mount

- 1 Key Digital KD 8X8 Matrix Switcher
 - Independently manage up to 8 HDMI video input sources and 8 HDMI outputs simultaneously

Professional Services Consisting Of:

- Provide & Install 4 Ceiling Pole Mount and 2 Flat Wall Mount systems for LED TV's
- Cat 6 cabling form LED TV and HDMI Interface to Matrix Switch
- Install and configure Baluns and Matrix Switch
- Install HDMI interface, Includes HDMi Faceplate
- Includes HDMi - VGA Adapter, Converts a VGA video and left/right analog 3.5 stereo audio signal to a digital HDMI signal
- Provide & Install Belkin HDMI cable - 25 ft. High Speed HDMI Cable
- Provide & Install HDMI-Audio Extractor - used to extract audio signals from HDMI source
- Provide & Install (7) HDMI Baluns - Used to convert CAT6 cabling to HDMI

*Court & Council Audio/Video Upgrade Proposal
For
Borough of New Providence*

Project 3 Scope of Work

Install and configure Audio/Video camera system with video management console designed for active control of cameras for recording, live broadcast, or rebroadcast of municipal meetings.

3 HD-TVI, Full HD 1080p Dome Camera

- 82' Range
- Digital Wide Dynamic Range
- Wall Mount DTW Series Domes – Gray
- Back Box for DTW Series Domes-Silver

1 HDTV/960H PTZ Camera

- Pan Tilt Zoom Camera application
- PTZ Mount System

1 24 Volt AC, 16 Channel, 16 Amp UL listed Power Supply

- Power Supply Box used with camera video systems

1 Hikvision HDTV Converter

- HDTV converter can convert the inputting HDTV signal to the outputting HDMI signal, supports all the video resolution of HDTV and supports 1-ch HDTV loop out.

1 Roland VR-50HD Multi-Format AV Mixer

- All in one HD multi-format AV mixer with built in USB 3.0 for Web streaming and recording
- 12 input, 4 channel video plus still channel multi format switcher
- 12 channel digital audio mixer with XLR, TRS and RCA jacks; audio from SDI and HDMI inputs
- Built in Preview Touch Monitor

20 Professional Services Cabling Hours Included:

- Camera Mounting, Installation and Siamese cabling

8 Professional Services OBS Onsite Hours Included:

- Mixer installation and configuration
- End User Training Session
- 12 Month Parts and Labor Warranty on New Hardware and Software

Phone: 1.888.912.3151
Fax: 1.601.399.5077
Online: www.howardcomputers.com



Howard Computers
P.O. Box 1588
Laurel, MS 39441

Online Quotation

Quote No: WL 840974.00 **Quote Date:** March 01, 2018
Customer Name: Keith Lynch / Wendi Barry **Phone Number:** 9086651400
Company Name: Borough of New Providence **Fax Number:**
Quote Name: AV Display Solution - Project 2

Item 1

Category	Description	Qty.	Unit Price	Ext. Price
System Type:	Accessories			
1:	Audio/Visual and Instructional Solutions-Monitors and TVs - 43' LG TV's and all Mounting Hardware A/V Presentation System	4	\$803.52	\$3,214.08
2:	Audio/Visual and Instructional Solutions-Monitors and TVs - 65' LG TV's and all Mounting Hardware A/V Presentation System	2	\$1,068.12	\$2,136.24
3:	Accessories-Networking - HDMI Matrix Switch	1	\$3,128.76	\$3,128.76
4:	Installation and Integration Services - Installation Services-Cabling; Office Business Systems Installation Hours Includes: All HDMI Cables, Converters and Adapters Cabling, Mounting Relocating, Termination Testing Prevailing Wage Man Hours	36	\$178.20	\$6,415.20

Sub-Total: \$14,894.28

Parts & Accessories Shipping: Included

Taxes: Tax Exempt

Total for Item 1: \$14,894.28

This quote will expire March 31, 2018.
To expedite your order, please include your quote number with your Purchase Order.

Total for all pre-configured items

Sub-Total: \$14,894.28

Parts & Accessories Shipping: Included

Taxes: Tax Exempt

Total: \$14,894.28

Notes:

NJ NCPA Contract# 01-45

Pricing and availability subject to change without notice.
Packaging, Shipping, and Handling fees are not included unless specifically stated.
Prices and lease payments do not include applicable taxes.
Ship dates are approximations and are not guarantees.
Quick ship items not available in Alaska, Hawaii, or outside the United States.
Specific state laws may affect shipment of products.
If Purchaser fails to pay any invoice in full within the time quoted herein,
Seller may, without notice, accelerate the due date of all outstanding invoices
and require that all outstanding invoices, including any interest thereon, be
immediately due and payable in full.

Phone: 1.888.912.3151
 Fax: 1.601.399.5077
 Online: www.howardcomputers.com



Howard Computers
 P.O. Box 1588
 Laurel, MS 39441

Online Quotation

Quote No:	WL 840990.00	Quote Date:	March 01, 2018
Customer Name:	Keith Lynch / Wendi Barry	Phone Number:	9086651400
Company Name:	Borough of New Providence	Fax Number:	
Quote Name:	Video Solution Project 3		

Item 1

Category	Description	Qty.	Unit Price	Ext. Price
System Type:	Accessories			
1:	Accessories-Hardware-Cameras-1080i Full HDTVi Dome Camera Includes all Mounting Parts	3	\$463.32	\$1,389.96
2:	Accessories-Hardware-Cameras - 1080i Full HDTVi PTZ Camera and Mounting System	1	\$968.76	\$968.76
3:	Accessories-Hardware-Power Device-Power Supply Box	1	\$536.76	\$536.76
4:	Accessories-Hardware-Adapter-HDTV Channel Converter Adapter	1	\$429.84	\$429.84
5:	Accessories-Hardware-Adapter-HDTV Video Mixer Adapter - Webstreaming and Recording	1	\$2,415.96	\$2,415.96
6:	Installation and Integration Services - Installation Services-Cabling - Office Business Systems Installation Hours Includes: Cabling and Mounting Prevalling Wage Man Hours	20	\$240.84	\$4,816.80
7:	Installation and Integration Services - Onsite Technicians - Office Business Systems Installation Hours Includes: Programming, Configuration and Integration Prevalling Wage Man Hours	8	\$162.00	\$1,296.00

Sub-Total: \$11,854.08

Parts & Accessories Shipping: Included

Taxes: Tax Exempt

Total for Item 1: \$11,854.08

This quote will expire March 31, 2018.

To expedite your order, please include your quote number with your Purchase Order.

Total for all pre-configured items

Sub-Total: \$11,854.08

Parts & Accessories Shipping: Included

Taxes: Tax Exempt

Total: \$11,854.08

Notes:

NJ NCPA Contract# 01-45

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DS-1H33 HDTVl Converter



Overview

DS-1H33 HDTVl converter can convert the inputting HDTVl signal to the outputting HDMI signal, supports all the video resolution of HDTVl, and supports 1-ch HDTVl loop out.

Available Models

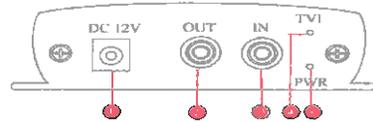
DS-1H33 HDTVl Converter

Features

- 1-ch HDTVl input, 1-ch HDTVl loop out and 1-ch HDMI output.
- Supports all the standards of HDTVl, including V2.0 video standard signal.
- Converts HDTVl video signal effectively.
- Lossless and uncompressed transmission.
- Satisfies the requirements of working in high or low temperature.
- Up to 100000 hours of mean time between failures.

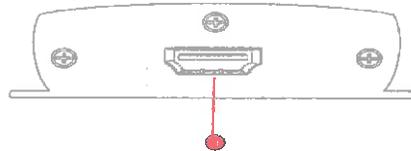
Physical Interfaces

Front panel:



Index	Name
1	12VDC Power Supply
2	BNC Interface
3	BNC Interface
4	Video Source LED
5	Power LED

Rear panel:



Index	Name
1	HDMI Interface

Specifications

Model	DS-1H33 HDTV Converter
Physical Interface	BNC, HDMI
Input Level	> 500 mVp-p
Output Format	HDMI 1.4b, A standard interface
Input Auto Cable Equalization	1080 p, 720 p, supporting 100M75-5 cable input with distance of 100M
Input Format	1080 p 25/30, 720 p 25/30/50/60, compatible with V2.0 HDTV
Input Impedance	75 Ω
Output Resolution	720 p 50/60, 1080 p 50/60
Output Format Distance	HDMI 1.4b, D-type base, 10 M distance
LED	Power LED, video source LED
Power Supply	12 VDC, 1A
Power Consumption	≤ 8 W
Working Humidity	10 % to 90 %
Working Temperature	-30 $^{\circ}$ C to + 75 $^{\circ}$ C
Dimensions (W×D×H)	50 × 30 × 25 mm (1.97 × 1.18 × 0.98 inch)
Mounting Type	Independent

HD-TVI/960H, 1080p Outdoor 395' IR PTZ Camera
DWDR, True D/N, UTC, 30X Optical Zoom



FEATURES:

- ◆ Full HD 1080P Resolution
- ◆ TVI & 960H Main Video Outputs
- ◆ 30X (4~120mm) Optical Zoom Level
- ◆ Digital Wide Dynamic Range
- ◆ UTC & RS485 Controllable
- ◆ Included 24VAC Power Supply
- ◆ 360° Endless Panning
- ◆ True D/N Mechanical IR Cut Filter
- ◆ 6 High Power IR LED's / 395' IR Range
- ◆ 8 Programmable Privacy Masks
- ◆ 256 Preset Positions
- ◆ 8 Patrols With up to 32 Presets Each
- ◆ Pelco P & D Protocols
- ◆ IP66 Weatherproof
- ◆ Built in Heater & Fan
- ◆ -22°F Operating Temperature
- ◆ 1/3" 2MP CMOS Sensor
- ◆ UL/CUL Certified



TVIPTZ30XIR

INCLUDED ACCESSORIES:

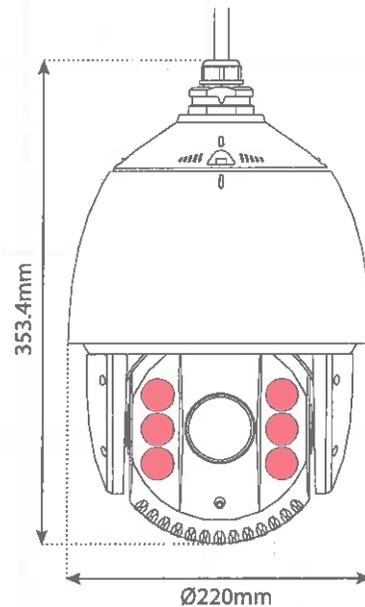
Quick Guide, L-Style Wrench, 1½" Pipe Thread Adapter (Male), 24 Volt AC Power Supply.

OPTIONAL MOUNTING ACCESSORIES:

IPTVIWMT - Wall Mount
 for TVIPTZ30XIR



IPTVIJB - Junction Box
 for IPTVIWMT



	SPECIFICATION	TVIPTZ30XIR
Camera	Image Sensor	1/3" CMOS
	Image Resolution	2 Megapixel, 1920x1080 Max
	Frame Rate	50Hz: 25fps(1920x1080) / 60Hz: 30fps(1920x1080)
	Min. Illumination	Color: 0.02 Lux@(F1.6, AGC ON) B/W: 0.002 Lux@(F1.6, AGC ON) / 0 Lux with IR
	White Balance	Auto / Manual / ATW / Indoor / Outdoor
	AGC	Auto / Manual
	S/N Ratio	≥ 50dB
	3D DNR	Support
	Backlight Compensation	Support
	WDR	Digital WDR
	Shutter Time	PAL 1-1/10,000s / NTSC 1-1/10,000s
	True Day & Night	IR Cut Filter
	Digital Zoom	16x
	Privacy Mask	8 Programmable Privacy Masks
Focus Mode	Auto / Semiautomatic / Manual	
Focus Mode	Auto / Semiautomatic / Manual	
Lens	Focal Length	4-120mm, 30X
	Zoom Speed	Approx. 3.0s(Optical Wide-Tele)
	Angle of View	58-1.7 degree(Wide-Tele)
	Min. Working Distance	10-1500mm (Wide-Tele)
	Aperture	F1.6-F4.4
Pan & Tilt	Pan Range	360° endless
	Pan Speed	Pan Manual Speed: 0.1°-160°/s, Pan Preset Speed: 240°/s
	Tilt Range	-15°-90° (Auto Flip)
	Tilt Speed	Tilt Manual Speed: 0.1°-120°/s, Tilt Preset Speed: 200°/s
	Proportional Zoom	Rotation Speed Adjusted Automatically According to Zoom
	Number of Preset	256
	Patrol	8 Patrols, up to 32 Presets per Patrol
	Pattern	4 Patterns, with the Total Recording Time not Less than 10 minutes
	Power-off Memory	Support
	Park Action	Preset / Patrol / Pattern / Pan Scan / Tilt Scan / Frame Scan / Random Scan / Panorama Scan
	Scheduled Task	Preset / Patrol / Pattern / Pan Scan / Tilt Scan / Frame Scan / Random Scan / Panorama Scan
	PTZ Position Display	On / Off
	Preset Freezing	Support
	RS-485 comm. Diagnosis	Support
IR	IR Distance	395'
	IR Intensity	Automatically Adjusted, Depending on the Zoom Ratio
Input / Output	Video Output	1 BNC HD-TVI 1080p Output / 1 BNC 960H Output
	RS-485 Interface	Half-Duplex, Self-adaptive HIKVISION, Pelco-P, Pelco-D Protocol
	UTC Function	HIKVISION_C (*Need UTC Controller if DVR Does not Support UTC Function)
General	Menu Language	English, Chinese
	Power	24VAC Max. 30W(IR: 9W, Heater: 6W)
	Operating Temperature	-30°C ~ 65°C(-22°F ~ 149°F) - Humidity 90% or less
	Protection Level	IP66 - TVS 4,000V Lightning, Surge and Voltage Transient Protection
	Dimensions	∅220x353.4mm (∅8.66"x13.91")
	Certifications	UL / CUL
	Weight (approx.)	4.5kg(9.92 lbs)

HD-TVI / 960H, Full HD 1080p Outdoor Dome Camera

True D/N, DWDR, 1/2.9" Sony CMOS Sensor, 3DNR, UTC, 2.8~12mm



FEATURES:

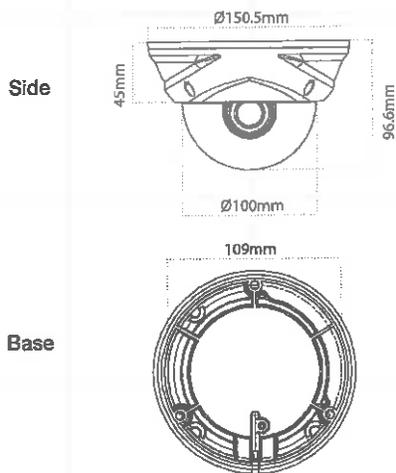
- ◆ Full HD 1080p Resolution
- ◆ HD-TVI & 960H Selectable Main Output
- ◆ 12VDC/24VAC Dual Voltage Power
- ◆ Sony Progressive Scan CMOS
- ◆ True Day/Night Mechanical IR Cut Filter
- ◆ Digital Wide Dynamic Range
- ◆ Tamper Resistant / IP68 Weatherproof
- ◆ 3-Axis Wall or Ceiling Mountable
- ◆ White Paintable Snap-on Cover Included
- ◆ Sense-up / Slow Shutter Speed
- ◆ UTC & Joystick Controllable OSD
- ◆ 3D Digital Noise Reduction
- ◆ 2.8 ~ 12mm Varifocal Auto Iris Lens
- ◆ Video Test Output & Cable (960H)
- ◆ Manual 360° Horizontal Rotation



TVIDTW212
Shown with White Paintable
Snap-on Cover (included)



CAMERA OVERVIEW:



INCLUDED ACCESSORIES:

1. User Manual
1. Mounting Hardware Packet
1. Video Test Cable
1. L-Style Wrench
1. White Paintable Snap-on Cover

SPECIFICATION	TVIDTW212
Image Sensor	1/2.9" Sony CMOS Sensor
Total Pixels	2010 (H) x 1108 (V)
Active Pixels	1944 (H) x 1092 (V)
Resolution	Digital: 1920 x 1080 (1080p), 1280 x 720 (720p) / Analog: 700TVL
Scanning System	Progressive Scan
OSD (On Screen Display)	Dual OSD Access: Internal Joystick Controlled / UTC (coaxial control)
Digital WDR (Wide Dynamic Range)	High / Middle / Low / OFF
3D DNR (Digital Noise Reduction)	High / Middle / Low / OFF
Video Output	HD-TVI & 960H Selectable Main Output, 960H Video Test Port
Lens Type - True Day Night	2.8 ~ 12mm Varifocal Auto Iris IR Lens
Sense-up	OFF / x2 - x8
Shutter Speed	Auto / Manual (1/30 ~ 1/60,000)
IR Cut Filter	Built-in Mechanical
Minimum Illumination	Color 0.002 Lux, B/W 0.001
S/N Ratio	More than 50dB (AGC OFF)
Automatic Gain Control	0 ~ 20 Steps
Sync System	Internal / External (L/L)
Gamma	y = 0.45 typ.
White Balance	Auto / Autoext / Manual
Back Light Compensation	BLC (H/V Position & Size) / OFF
HLC (High Light Compensation)	ON / OFF
Day/Night	Auto_CDS / Color / B&W
Mirror	Rotate / V-Flip / H-Flip / Off
Digital Zoom	ON / OFF (x1 ~ x8)
Languages	English / French / Spanish / German / Italian
Brightness	Adjustable 0 ~ 20
Motion Detection	ON / OFF
Privacy Mask	ON / OFF (16 Zone Selectable)
Power Input	12VDC/24VAC Dual Voltage Power
Power Requirement	Max 300mA
Reverse Polarity Protection	Yes
Overall Camera Dimensions	5.9" (W) x 3.8" (H)
Weight	Approx. 2.0lb
Operating Temperature	-20°F ~ 122°F
Weatherproof Rating	IP 68

Note: Specification subject to change without notice

Phone: 1.888.912.3151
Fax: 1.601.399.5077
Online: www.howardcomputers.com



Howard Computers
P.O. Box 1588
Laurel, MS 39441

Online Quotation

Quote No: WL 840969.00
Customer Name: Keith Lynch / Wendi Barry
Company Name: Borough of New Providence
Quote Name: A/V Solution Project 1

Quote Date: March 01, 2018
Phone Number: 9086651400
Fax Number:

Item 1

Category	Description	Qty.	Unit Price	Ext. Price
System Type:	Accessories			
1:	AudioVisual and Instructional Solutions-Audio Solutions - Assitive Listening System	1	\$3,100.68	\$3,199.50
2:	Installation and Integration Services - Installation Services-Cabling - Office Business Systems Installation Hours Includes: Cabling,Mounting Relocating, Termination Testing Prevailing Wage Man Hours	28	\$178.20	\$4,989.60

Sub-Total: \$8,090.28

Parts & Accessories Shipping: Included

Taxes: Tax Exempt

Total for Item 1: \$8,090.28

This quote will expire March 31, 2018.
To expedite your order, please include your quote number with your Purchase Order.

Total for all pre-configured items

Sub-Total: \$8,090.28
Parts & Accessories Shipping: Included
Taxes: Tax Exempt
Total: \$8,090.28

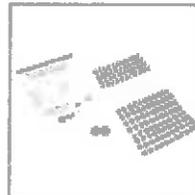
Notes:

NJ NCPA Contract# 01-45

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Ship dates are approximations and are not guarantees.
Quick ship items not available in Alaska, Hawaii, or outside the United States.
Specific state laws may affect shipment of products.
If Purchaser fails to pay any invoice in full within the time quoted herein,
Seller may, without notice, accelerate the due date of all outstanding invoices
and require that all outstanding invoices, including any interest thereon, be
immediately due and payable in full.
For product return policies and information please visit:
http://www.howardcomputers.com/pdf/warranties/HTS_ReturnPolicy.pdf

SmartRack 21U Low-Profile Switch-Depth Wall-Mount Rack Enclosure Cabinet with Clear Acrylic Window

MODEL NUMBER: SRW21UG



Description

The SRW21UG SmartRack 21U Low-Profile Switch-Depth Wall-Mount Rack Enclosure Cabinet is ideal for storing EIA-standard 19-inch rack equipment in network closets, retail locations, classrooms and other areas with limited floor space where you need equipment to be secure, organized and out of the way. Constructed from heavy-duty steel with a durable black powder-coated finish, the cabinet has a maximum load capacity of 200 pounds.

The front door features a shatter-resistant clear acrylic window that lets you monitor equipment without unlocking the enclosure. Not only does the window help prevent equipment tampering and reduce acoustic noise, but it also adds visual flair to your IT installation.

To ensure your valuable equipment stays secure, the side panels and front door lock. The top, bottom and removable side panels are vented, which allows air to flow freely through the cabinet to keep equipment cool. The reversible front door can open left or right by rotating the cabinet 180° before mounting. Convenient top and bottom ports allow easy cable routing through the cabinet.

The SRW21UG comes fully assembled and ready to mount to the wall (or use Tripp Lite's optional SRCASTER caster kit to make it a mobile rolling rack). Square and 12-24 threaded mounting holes and numbered rack spaces make equipment installation easy. The vertical mounting rails adjust in 7/8-inch increments to accommodate equipment up to 16.5 inches deep, such as network switches and patch panels.

Features

Saves Valuable Workspace

- Perfect for network closets, retail locations, classrooms and other areas with limited floor space where you need equipment to be secure, organized and out of the way

Highlights

- Maximum load capacity of 200 lb.
- Front door includes shatter-resistant clear acrylic window
- Locking steel cabinet vented at sides, top and bottom
- Secures 21U of 19 in. rack equipment up to 16.5 in. deep
- Mounts to wall or rolls on floor (with optional SRCASTER)

Package Includes

- SRW21UG SmartRack 21U Low-Profile Switch-Depth Wall-Mount Rack Enclosure Cabinet
- (44) M6 screws
- (44) M6 cage nuts
- (44) M6 cup washers
- (44) 12-24 screws
- Removable mounting plate
- (3) Mounting plate screws
- (2) Keys
- Owner's manual



- Houses EIA-standard 19 in. rack equipment in 21U of space
- Maximum load capacity of 200 lb.

Shatter-Resistant Clear Acrylic Front Window

- Lets you monitor equipment without unlocking the enclosure
- Prevents equipment tampering
- Reduces acoustic noise
- Provides extra visual flair

Keeps Important Equipment Secure

- Side panels and front door lock securely
- Vented panels allow generous airflow that keeps equipment cool
- Rotate cabinet 180° before mounting to open reversible front door left or right
- Convenient ports with removable covers allow cable routing through top and bottom

Easy Enclosure and Equipment Installation

- Ships fully assembled for quick installation
- Mounts to wall or rolls on floor with Tripp Lite's optional SRCASTER caster kit
- Wall-mounting holes spaced 16 in. apart to accommodate standard wall stud placement
- Vertical mounting rails adjust in 7/8 in. increments to house equipment up to 16.5 in. deep
- Rails support square-hole or 12-24 threaded-hole mounting
- Rack spaces numbered for easy reference

Meets Payment Card Industry Standards

- Provides physical equipment and media security required for PCI DSS (Payment Card Industry Data Security Standard) compliance

Specifications

MODEL TEXT	
What Does This Product Do?	Wall-mount cabinet secures and organizes 21U of 19-inch rack equipment in network closets, classrooms and other locations with limited floor space. Clear acrylic window allows you to monitor equipment without unlocking door.
PHYSICAL	
Rack Height (U Spaces)	21
Maximum Device Depth (in.)	16.5
Maximum Device Depth (cm)	41.91
Minimum Device Depth (in.)	3
Minimum Device Depth (cm)	7.62



Tripp Lite
1111 W. 35th Street
Chicago, IL 60609 USA
Telephone 773.869.1234
www.tripplite.com

Shipping Dimensions (hwd / in.)	46.100 x 18.700 x 24.500
Shipping Dimensions (hwd / cm)	117.09 x 47.50 x 62.23
Shipping Weight (lbs.)	68.0000
Shipping Weight (kg)	30.84
Unit Dimensions (hwd / in.)	40.87 x 23.63 x 17.72
Unit Dimensions (hwd / cm)	103.81 x 60.02 x 45.01
Unit Weight (lbs.)	51.2
Unit Weight (kg)	23.22
Color	Black
Weight Capacity - Stationary (lbs.)	200
Weight Capacity - Stationary (kg)	91
Cable Access Hole Measurement (inches)	9.812 x 2.35 (l x w)
Maximum Device Depth (mm)	4,191
Minimum Device Depth (mm)	762
SPECIAL FEATURES	
Grounding Lug	Front and Back door frames
CERTIFICATIONS	
Certifications	UL/CSA 60950-1, EIA-310-E
Approvals	RoHS
WARRANTY	
Product Warranty Period (Worldwide)	5-year limited warranty

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