



**DIVA**  
www.diva.com.tw

# **DIVA**

## HMI & Touch

6 Series Medical Displays

## #ABOUT DIVA

## #COMPANY OVERVIEW

## #CORE VALUES

## #PRODUCTS & SERVICES

### Overview

DIVA has over two decades of experience delivering high-quality, precision medical & industrial displays, meeting our worldwide customers' strict requirements.

**2019**  
[ AWARD ]

DIVA won the "Supplier of the Year" from GE Healthcare during the Annual Supplier Summit in Waukesha, WI- May, 16, 2019



### Core Values

Quvality Watchdog

Revision and Inventory Control Management

Medical/Industrial LCD Designer & Manufacturer

Engineering Service

System Integrator

### Products & Services

#### Monitors



Radiology displays



Endo/Surgical displays



Touch displays

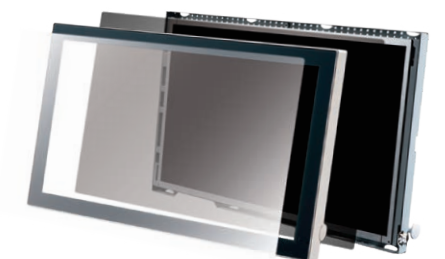
#### OEM/ODM Solutions

Monitor (Customized and NPI)

- \*Appearances
- \*Optical Bonding
- \*Panel Enhancement
- \*Mainboard
- \*Others

AIO (All-in-One PC)

Others



#### Peripherals



Multi-Display Manager(MDM)



Universal Auto Calibration Device (UACD)

# Features



Symbols in subsequent display descriptions Available Optional

## Medical Ready



Medical proven with medical safety/standard. Product design that fits clinician needs (clinical user-friendly).

## Touch Technology



Almost all DIVA Displays can be equipped with touchscreens based on various sensing technologies like Resistive, SAW and PCAP. Our advanced touch controller designs support multi-touch (up to 10 points), gloved hand touch and provide excellent performance in high ESD and EMC environments (depending on the touch technology chosen).

## Protective Glass



All the DIVA display models with cover glass may be equipped with chemically strengthened glass. It's a type of safety glass that holds together when shattered. In the event of breakage, it can hold in place. With 9H hardness level, it prevents the screen from being scratched even with a sharp objects such as knife.

## Ingress Protection, Disinfection



Touch solutions used in medical, industrial and commercial applications must meet a variety of health and safety requirements. The front panel of DIVA Standard and Touch Displays meets protection up to IPX5, depending on the actual configuration. This ensures easy disinfection and protection against fluid ingress.

## Surface AR/AG Coating



DIVA Displays can have multi-layer AG or AR coating process on the protective cover glass, ensures clear crisp images and offers a comfort viewing experience. AG (Anti-glare) coating models often use for under brighter ambient light places such as outdoor or window side. It can reduce the discomfort caused by specular reflection (the glare). AR (Anti-reflection) coating on the cover glass improves the sharpness and contrast ratio. AR coating can make the image appears more vivid.

## Fanless Design



A fanless design reduces the accumulation of microscopic bacteria and dust inside the display and the potential for their dispersion to the surgical field and open back tables. It also contributes to a silent working environment and increases system reliability while at the same time decreasing energy consumption.

## Dynamic Scaling



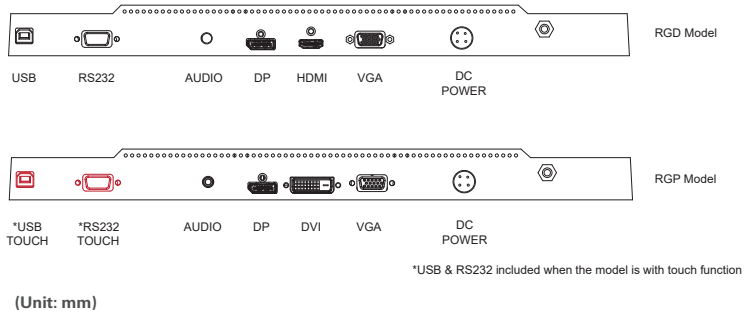
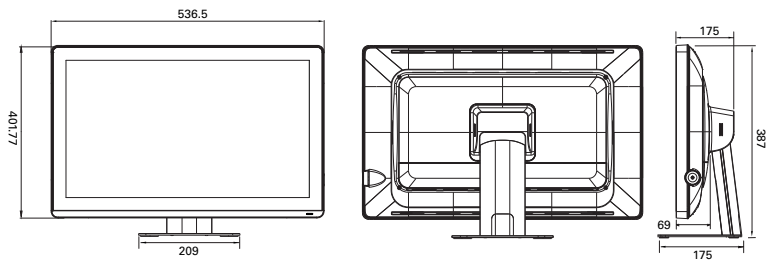
Dynamic Scaling ensures high fidelity, distortion free visualization and precise video and image representation regardless of the native picture format. Numerous adjustment options are available: Full/ Auto/ Width Fit/Height Fit/ 16:10/ 16:9/ 4:3/ 1:1 (actual options vary).

# 21.5" FHD

## RGD2162AMII-P/ RGP2162AMII-P (Medical)



# 6 Series ID



The 21.5-inch medical touch display features 1920 x 1080 resolution, an ultra-wide angle 16:9 high contrast panel, plug and play PCAP 10 point touch, waterproof and dustproof design, and full-screen coverage with AG glass, making it durable and easy to clean.

The hidden vents help reduce internal temperature to prolong the lifetime of the parts. The built-in presets compliant with the DICOM Part 14 standard ensure professional and accurate grayscale imagery.



Model Name		RGD2162AMII-P	RGP2162AMII-P	Optional
ID Type		True Flat(P-Cap)		-
Panel Spec	Type	AHVA		-
	Resolution	1920(H)x1080(V)		-
	Screen Size (inch)	21.5		-
	Display Area (mm)	476.06(H)x267.79(V)		-
	Pixel Pitch (mm)	0.248(H)x0.248(V)		-
	Viewing Angle (degree)	178(H)/178(V)		-
	Response Time (ms)	22 (On/Off)		-
	Brightness (cd/²)	350 (Typ.)		-
	Contrast Ratio	1000:1 (Typ.)		-
	Color Depth (bits)	8		-
I/O Interface	DVI	N/A	DVI-Dx1	-
	DP	DP1.2x1	DP1.2x1	-
	VGA	D-Sub15x1	D-Sub15x1	-
	HDMI	HDMI1.4x1	N/A	-
	USB	N/A		-
	Audio	3.5mm	3.5mm	-
Touch/Glass	Type	P-Cap		Glass
	Touch Point	10		-
	Screen Printing	Black		-
	Glass Coating	AG		-
	Interface	Combo(USB/RS232)		-
Features	Color Temperature	Neutral/Warm/Cool/User		-
	Gamma Selection	Neutral/2.2/DICOM		-
	Gamma LUT (bits)	10		-
	OSD Languages	English/French/German/Italian/Spanish/Japanese		-
	Speaker	2W Speaker		-
	Scaling Mode	Full/5:4/4:3/16:9/1:1		-
Power Requirements	Power Supply	DC 24V		-
	Power Consumption (W)	40(Max)		-
Physical Characteristics	Dimensions (WxHxD) (mm)	537x387x175(with Stand) 537x339x69 (w/o Stand)		-
	VESA Mounting (mm)	100x100		-
	Weight (Kg)	8.2 (with Stand) 6.5 (w/o Stand)		-
	ID Color	White		Black
	IP Rating (Front)	IP65		-
	IP Rating (Back Cover)	IPx1		-
	Tilt Range (degree)	0~+30		-
	Pivot Range (degree)	N/A		-
	Swivel Range (degree)	N/A		-
	Height Adjustment (mm)	N/A		-
Reliability	Operating Temperature(°C)	10 to 40		-
	Operating Humidity (RH)	30% to 75%		-
	Storage Temperature (°C)	-20 to 60		-
	Storage Humidity (RH)	10% to 90%		-
Certifications and Compliances		cTUVus(ANSI/AAMI ES60601-1;CAN/CSA-C22.2 60601-1),CB (IEC 60601-1),CE(EN 60601-1-2; EN 60601-1),FCC Part 15,ROHS,WEEE		-

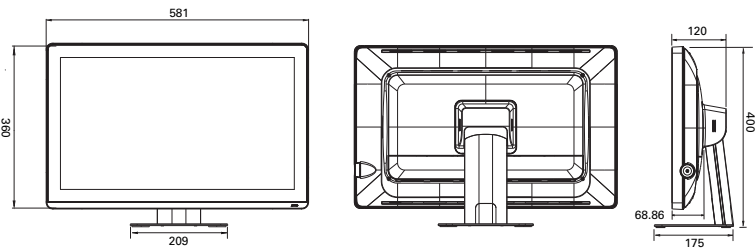


# 23.8" FHD

## RGD2461AMII-PW/ RGP2461AMII-PB (Medical)

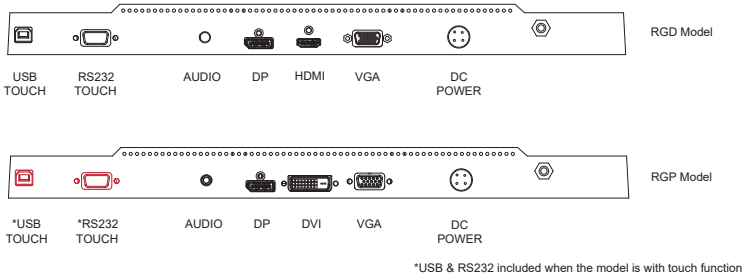


# 6 Series ID



The 23.8-inch medical touch display features 1920 x 1080 resolution, an ultra-wide angle 16:9 high contrast panel, plug and play PCAP 10 point touch, waterproof and dustproof design, and full-screen coverage with AG glass, making it durable and easy to clean.

The hidden vents help reduce internal temperature to prolong the lifetime of the parts. The built-in presets compliant with the DICOM Part 14 standard ensure professional and accurate grayscale imagery.



(Unit: mm)



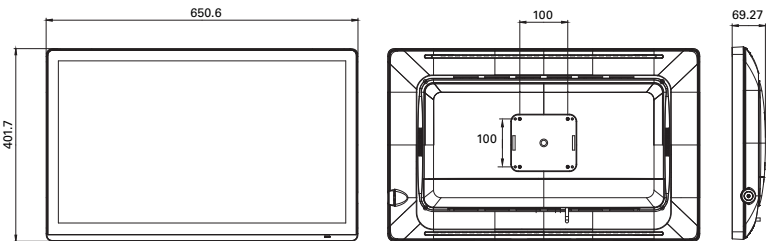
Model Name		RGD2461AMII-PW	RGP2461AMII-PB	Optional
ID Type		True Flat(P-Cap)		-
Panel Spec	Type	AHVA		-
	Resolution	1920(H)x1080(V)		-
	Screen Size (inch)	23.8		-
	Display Area (mm)	527.04(H)x296.24(V)		-
	Pixel Pitch (mm)	0.274(H)x0.274(V)		-
	Viewing Angle (degree)	178(H)/178(V)		-
	Response Time (ms)	14 (GtG)		-
	Brightness (cd/²)	250 (Typ.)		400(Typ.)/625(Typ.)
	Contrast Ratio	1000:1 (Typ.)		-
	Color Depth (bits)	6 +FRC		-
I/O Interface	DVI	N/A	DVI-Dx1	-
	DP	DP1.2x1	DP1.2x1	-
	VGA	D-Sub15x1	D-Sub15x1	-
	HDMI	HDMI1.4x1	N/A	-
		N/A		-
	Audio	3.5mm		-
Touch/Glass	Type	P-Cap		Glass
	Touch Point	10		-
	Screen Printing	Black		-
	Glass Coating	AG		-
	Interface	Combo(USB/RS232)		-
Features	Color Temperature	Neutral/Warm/Cool/User		-
	Gamma Selection	Neutral/2.2/DICOM		-
	Gamma LUT (bits)	10		-
	OSD Languages	English/French/German/Italian/Spanish/Japanese		-
	Speaker	2W Speaker		-
	Scaling Mode	Full/5:4/4:3/16:9/1:1		-
Power Requirements	Power Supply	DC 24V		-
	Power Consumption (W)	40(Max)	51(Max)	45(Max)
Physical Characteristics	Dimensions (WxHxD) (mm)	581x400x175(with Stand) 581x360x69(w/o Stand)		-
	VESA Mounting (mm)	100x100		-
	Weight (Kg)	9.5 (with Stand) 7.7 (w/o Stand)		-
	ID Color	White		Black
	IP Rating (Front)	IP65		-
	IP Rating (Back Cover)	IPx1		-
	Tilt Range (degree)	0~+30		-
	Pivot Range (degree)	N/A		-
	Swivel Range (degree)	N/A		-
	Height Adjustment (mm)	N/A		-
	Operating Temperature(°C)	10 to 40		-
	Operating Humidity (RH)	30% to 75%		-
	Storage Temperature (°C)	-20 to 60		-
Reliability	Storage Humidity (RH)	10% to 90%		-
Certifications and Compliances		cTUVus(ANSI/AAMI ES60601-1 Ed3.1;CAN/CSA-C22.2 60601-1 Ed3.1),CB (IEC 60601-1 Ed3.1),CE(EN 60601-1-2 4th;EN 60601-1 Ed3.1),FCC Part 15,ROHS,WEEE		-

# 27" FHD

## RGD2761AMII-P/ RGP2761AMII-P (Medical)

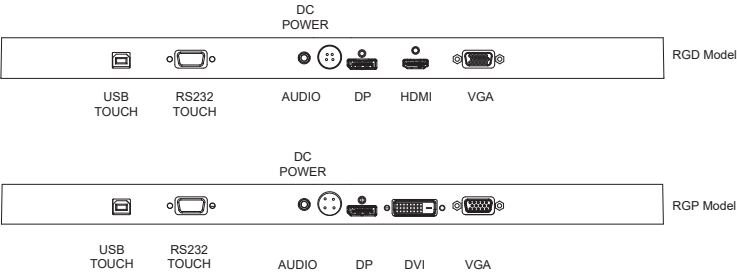


# 6 Series ID



The 27-inch medical touch display features 1920 x 1080 resolution, an ultra-wide angle 16:9 high contrast panel, plug and play PCAP 10 point touch, water-proof and dustproof design, and full-screen coverage with AG glass, making it durable and easy to clean.

The hidden vents help reduce internal temperature to prolong the lifetime of the parts. The built-in presets compliant with the DICOM Part 14 standard ensure professional and accurate grayscale imagery.



(Unit: mm)



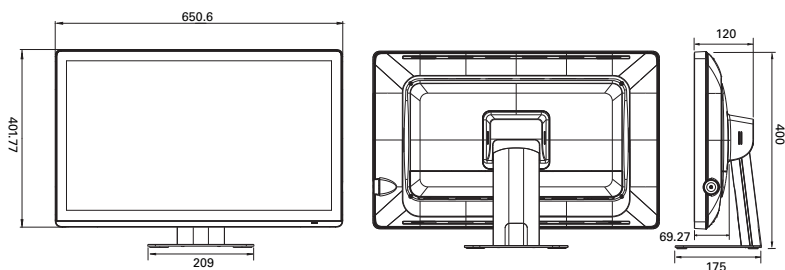
Model Name		RGD2761AMII-P	RGP2761AMII-P	Optional
ID Type		True Flat(P-Cap)		-
Panel Spec	Type	VA		-
	Resolution	1920(H)x1080(V)		-
	Screen Size (inch)	27		-
	Display Area (mm)	597.6(H)x336.1(V)		-
	Pixel Pitch (mm)	0.311(H)x0.311(V)		-
	Viewing Angle (degree)	178(H)/178(V)		-
	Response Time (ms)	12 (On/Off)		-
	Brightness (cd/²)	300 (Typ.)		-
	Contrast Ratio	3000:1 (Typ.)		-
	Color Depth (bits)	8		-
I/O Interface	DVI	N/A	DVI-Dx1	-
	DP	DP1.2x1		-
	VGA	D-Sub15x1		-
	HDMI	HDMI1.4x1	N/A	-
	USB	N/A		-
	Audio	3.5mm	3.5mm	-
Touch/Glass	Type	P-Cap		Glass
	Touch Point	10		-
	Screen Printing	Black		-
	Glass Coating	AG		-
	Interface	Combo(USB/RS232)		-
Features	Color Temperature	Neutral/Warm/Cool/User		-
	Gamma Selection	Neutral/2.2/DICOM		-
	Gamma LUT (bits)	10		-
	OSD Languages	English/French/German/Italian/Spanish/Japanese		-
	Speaker	2W Speaker		-
	Scaling Mode	Full/5:4/4:3/16:9/1:1		-
Power Requirements	Power Supply	DC 24V		-
	Power Consumption (W)	40(Max)		-
Physical Characteristics	Dimensions (WxHxD) (mm)	651x441x175(with Stand) 651x402x69(w/o Stand)		-
	VESA Mounting (mm)	100x100		-
	Weight (Kg)	10.3 (with Stand) 8.4 (w/o Stand)		-
	ID Color	White	Black	-
	IP Rating (Front)	IP65		-
	IP Rating (Back Cover)	IPx1		-
	Tilt Range (degree)	0~+30		-
	Pivot Range (degree)	N/A		-
	Swivel Range (degree)	N/A		-
	Height Adjustment (mm)	N/A		-
Reliability	Operating Temperature(°C)	10 to 40		-
	Operating Humidity (RH)	30% to 75%		-
	Storage Temperature (°C)	-20 to 60		-
	Storage Humidity (RH)	10% to 90%		-
Certifications and Compliances		cTUVus(ANSI/AAMI ES60601-1;CAN/CSA-C22.2 60601-1),CB(IEC 60601-1),CE(EN 60601-1-2;EN 60601-1), FCC Part 15,ROHS,WEEE		-

# 27" 4MP

## GUP2762AMII-P (Medical)

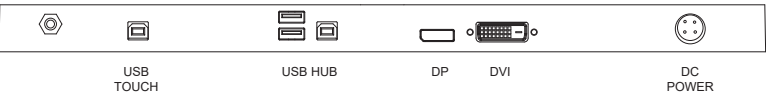


# 6 Series ID



The 27-inch medical touch display features 2560 x 1440 resolution (4MP) , an ultra-wide angle 16:9 high contrast panel, plug and play PCAP 10 point touch,waterproof and dustproof design, and full-screen coverage with AG glass, making it durable and easy to clean.

The hidden vents help reduce internal temperature to prolong the lifetime of the parts. The built-in presets compliant with the DICOM Part 14 standard ensure professional and accurate grayscale imagery.



(Unit: mm)



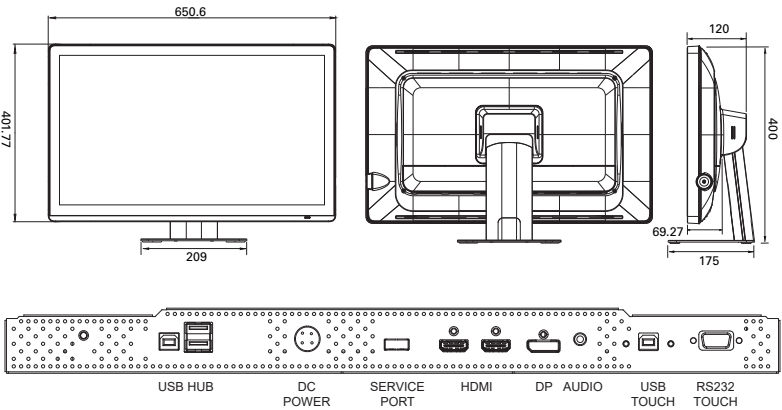
Model Name		GUP2762AMII-P
ID Type		True Flat(P-Cap)
Panel Spec	Type	AHVA
	Resolution	2560(H)x1440(V)
	Screen Size (inch)	27
	Display Area (mm)	596.74(H)x335.66(V)
	Pixel Pitch (mm)	0.233(H)x0.233(V)
	Viewing Angle (degree)	178(H)/178(V)
	Response Time (ms)	12 (GtoG)
	Brightness (cd/²)	350 (typ.)
	Contrast Ratio	1000:1(typ.)
	Color Depth (bits)	10
I/O Interface	DVI	DVI-Dx1
	DP	DP1.2x1
	VGA	N/A
	HDMI	N/A
	USB	N/A
	Audio	N/A
Touch/Glass	Type	P-Cap
	Touch Point	10
	Screen Printing	Black
	Glass Coating	AG
	Interface	Combo(USB/RS232)
Features	Color Temperature	Neutral/Warm/Cool/User
	Gamma Selection	DICOM/Calibration/1.8/2.0/2.2/2.4
	Gamma LUT (bits)	14
	OSD Languages	English/French/German/Italian/Chinese(simplified)/Spanish/Japanese
	Speaker	2W Speaker
	Scaling Mode	Full/Native/4:3/16:9/16:10
Power Requirements	Power Supply	DC 24V
	Power Consumption (W)	60(Max)
Physical Characteristics	Dimensions (W×H×D) (mm)	651x441x175(with Stand) 651x402x69(w/o Stand)
	VESA Mounting (mm)	100x100
	Weight (Kg)	13.7 (with Stand) 11.8 (w/o Stand)
	ID Color	White (Black MOQ 100 pcs)
	IP Rating (Front)	IP65
	IP Rating (Back Cover)	IPx1
	Tilt Range (degree)	0~+30
	Pivot Range (degree)	N/A
	Swivel Range (degree)	N/A
	Height Adjustment (mm)	N/A
	Operating Temperature(°C)	10 to 40
	Operating Humidity (RH)	30% to 75%
	Storage Temperature (°C)	-20 to 60
	Storage Humidity (RH)	10% to 90%
Certifications and Compliances		cTUVus(ANSI/AAMI ES60601-1;CAN/CSA-C22.2 60601-1),CB(IEC 60601-1), CE(EN 60601-1-2;EN 60601-1),FCC Part 15,CCC,ROHS,WEEE

27"4K

RUH2762AMII-P (Medical)



6 Series ID



(Unit: mm)

- 27-inch medical grade touch display
- 3840 x 2160 resolution (4K)
- 16:9 Ultra-wide angle
- PCAP 10 point touch
- Front Bazel IP65 waterproof/dustproof design
- Full-screen coverage with AG glass



Model Name		RUH2762AMII-P	Optional
ID Type		True Flat(P-Cap)	-
Panel Spec	Type	AHVA	IPS
	Resolution	3840(H)x2160(V)	-
	Screen Size (inch)	27	-
	Display Area (mm)	596.16(H)x335.34(V)	596.74(H)x335.66(V)
	Pixel Pitch (mm)	0.15525(H)x0.15525(V)	0.1554(H)x0.1554(V)
	Viewing Angle (degree)	178(H)/178(V)	-
	Response Time (ms)	16 (Rising + Falling)	14 (GtoG)
	Brightness (cd/²)	500 (typ.)	350 (typ.)
	Contrast Ratio	1000:1(typ.)	1300:1(typ.)
	Color Depth (bits)	10 (8bit + A-FRC)	-
I/O Interface	DVI	N/A	-
	DP	DP1.2x1	-
	VGA	N/A	-
	HDMI	HDMI 2.0x2	-
	USB	USB Type-A x2	-
	Audio	Digital/3.5mm	-
Touch/Glass	Type	P-Cap	-
	Touch Point	10	-
	Screen Printing	Black	-
	Glass Coating	AG	-
	Interface	Combo(USB/RS232)	-
Features	Color Temperature	Neutral/Warm/Cool/User	-
	Gamma Selection	DICOM/Calibration/1.8/2.0/2.2/2.4	-
	Gamma LUT (bits)	14	-
	OSD Languages	English/Spanish/French/German/Italian/ Chinese(simplified)/Japanese	-
	Speaker	2W Speaker	-
	Scaling Mode	Full Screen/Native/4:3/16:9/16:10	-
Power Requirements	Power Supply	DC 24V	-
	Power Consumption (W)	90(Max)	-
Physical Characteristics	Dimensions (WxHxD) (mm)	651x441x175(with Stand) 651x402x69(w/o Stand)	-
	VESA Mounting (mm)	100x100	-
	Weight (Kg)	13.7 (with Stand) 11.8 (w/o Stand)	-
	ID Color	White	Black
	IP Rating (Front)	IP65	-
	IP Rating (Back Cover)	IPx1	-
	Tilt Range (degree)	0~+30	-
	Pivot Range (degree)	N/A	-
	Swivel Range (degree)	N/A	-
	Height Adjustment (mm)	N/A	-
Reliability	Operating Temperature(°C)	10 to 40	-
	Operating Humidity (RH)	30% to 75%	-
	Storage Temperature (°C)	-20 to 60	-
	Storage Humidity (RH)	10% to 90%	-
Certifications and Compliances		cTUVus(ANSI/AAMI ES60601-1;CAN/ CSA-C22.2 60601-1),CB(IEC 60601-1), CE(EN 60601-1-2;EN 60601-1),FCC Part 15, ROHS,WEEE	-



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