

Efficia CMS200 central monitoring system 2.3 (EU-MDR) version Cost-effective central monitoring

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V1.0

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Key marketing message – “Elevator pitch”

Philips Efficia CMS200 central monitoring system:

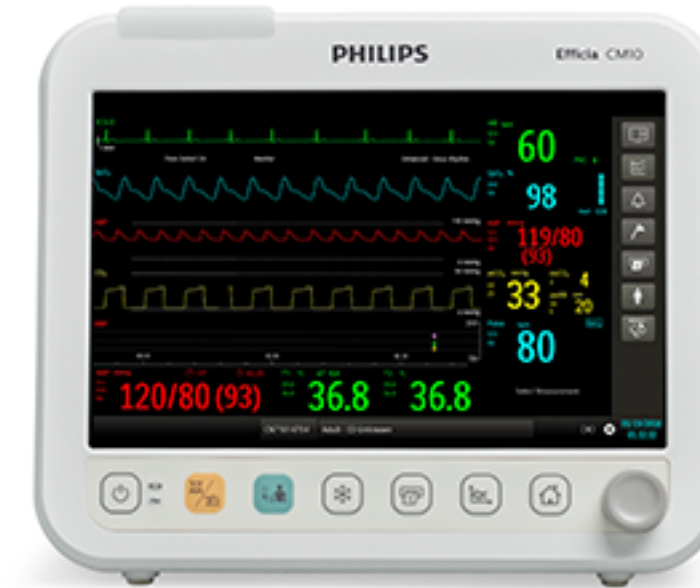
- For customers with limited budget from the world leader in patient monitoring
- Increased diagnostic confidence by providing real-time, relevant patient information
- Enhanced decision making. Up to 240 hours (up to 10 days for 20,000 database records)
- Seamlessly integrate with third party EMR or other hospital informatics system with HL7 output
- ADT inbound capability (IBE required)
- Viewing and printing ABPM and HRV Analysis
- Supporting paper of A4 and U.S. letter



New product/solution overview

B.02 release:

- Windows 10 Operating System
- Up to 64 beds, across 8 pages
 - With 2 displays (16 patients each display)
 - 32 patients on the background
- Efficia CM rack/modules support
 - Efficia BIS module
 - Efficia Gas module
 - Efficia IBP module
 - Efficia CO2 module
- Night volume configuration
- Single page ECG report (non-diagnostic)
- Display options are not mandatory
- Speaker bar replaced with display internal speaker (when displays purchased from Philips)
- ADT inbound via IBE
- Parameter color sync from Efficia C.00



New functionality – 2.3 release:

- Supporting Efficia CM 4.0
- PICCO module(*)
- EWS Total Score(*)
- QT/QTc(*)
- Automatic Night Mode

(*) the result is from Efficia monitors 4.0 or later

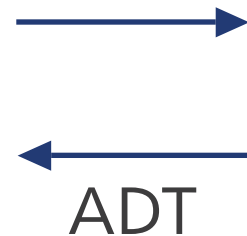
New product/solution overview cont...

Supports standard network

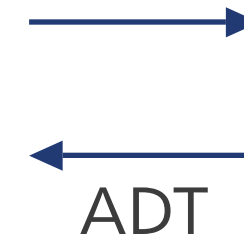
- Centralized deployment of updates
- Standard HL7 output to EMR or hospital informatics system
- ADT inbound (IBE required)



Patient Monitors



Efficia CMS200



EMR

2.3 Release Notes



Efficia CMS200 gives our customers more flexibility at a lower cost by allowing them to use their own components instead of having to purchase them from Philips.



- PS = Philips-supplied only
- PS/CS = Philips-supplied or customer-supplied
- CS = Customer-supplied only

Component	CMS200 2.3 (863352)
PC with software	PS
USB dongle	PS
Medical Grade Display (If D03 or D04)	PS
Display (If D05)	CS
2nd network card	PS
Network switch	PS/CS
Keyboard	CS
Mouse	PS
Printer	CS
UPS	CS
External speaker	CS

For a list of specifications for customer-supplied components, see the Efficia CMS200 Central Monitoring System Installation and Configuration Guide.

2.3 Release Notes cont...

Hardware configuration, as of September 2021

Component	CMS200 B.02	CMS200 2.3 (*)
PC with software	●	●
USB dongle	●	●
Medical Grade Display (If D03 or D04)	○	○
Display (If D05)	⦿	⦿
2nd network card	○	○
Network switch	⦿ or Philips-supplied	⦿ or Philips-supplied
Keyboard	●	⦿
Mouse	●	●
Printer	⦿	⦿
UPS	⦿	⦿
External speaker	⦿	⦿

- Standard, Philips-supplied

○ Optional, Philips-supplied
- ⦿ Locally, Customer-supplied

(*) depends on local RA plan and timeline

2.3 Release Notes cont...

Network switch

Option

- Use the hospital’s existing network
- Purchase network switch in local market
 - Minimum technical requirement for the network switch
 - Network switch must meets all local applicable standards
 - Network switch must have multiple 100/1000M Base-T Ethernet ports(RJ-45)
- Order an HP switch

HP Switch		
866210	HP Procurve 2530 Switch, 24 copper ports	24 copper + 2 x dual-pupose uplink ports [RJ-45 or SFP] (10 100 1000 MBs) Supports the PIIC-iX Location Mapping. Fixe mode PIIC Classic and PIIC iX



2.3 Release Notes cont...

Display (if D05, local)

Recommended specification



Parameter	Description
Viewable size	23-inch diagonal or above
Aspect Ratio	16:9
Resolution	1920 x 1080 @60 Hz
Contrast ratio	>=1000:1
External connections	VGA, DVI-D and Display Port with HDCP
Input Power	100-240 VAC, 50/60 Hz

2.3 Release Notes cont...

Printer (Local)

Recommended specification



Parameter	Description
Print method	Laser
Connectivity	USB 2.0, Ethernet 10/100/1000 Megabit
Paper sizes supported	at least A4 and 8.5" x 11"
Resolution	600 dpi x 600 dpi or above
Print speed	35 PPM or above
Duplex printing	Automated
Driver	Compatible with Microsoft Windows 10 or above

2.3 Release Notes cont...

Keyboard (local)

Recommended specification



Parameter	Description
Keyboard layout	104, 105, 106, 107, or 109 (depending upon the country)
Keyboard switch life	20 million keystrokes or above
Keyboard support	Windows 7, Windows 10 or above
Keyboard interface	USB

Philips recommends that the keyboard used be the HP SK-2120 and must be checked by a qualified service personnel.

Ordering guide

Part number	Description	Long Text	Comment
863352	Efficia CMS200 Central Monitoring System	The Efficia CMS200 Central Monitoring System (2.3 and above) is a “Software with HP PC” solution to provide central viewing of physiologic waves, parameters, and trends from other LAN networked Efficia CM monitors, Goldway G30E/G40E/GS20, and SureSigns VM4/6/8 monitors for up to 64 patients at the same time. It provides for the retrospective review of alarm conditions, physiologic waves and parameters from multiple patients (Up to 240 hours of tabular and graphic trends, ECG waveform, alarm events and full disclosure waveforms). It is built on one Philips supplied HP RP58xx series PC with embedded Windows OS, supporting 23” 16:9 high resolution displays, one mouse and one USB licensing dongle. It also can connect laser printer printing out reports. It also has the capability to export HL7 data to EMR/HIS via a second network card.	
863352/B08	8-bed capability	8 beds configuration, supporting connectivity	
863352/B16	16-bed capability	16 beds configuration, supporting connectivity	
863352/B32	32-bed capability	32 beds configuration, supporting connectivity	

Ordering guide

Part number	Description	Long Text	Comment
863352/B64	64-bed capability	64 beds configuration, supporting connectivity	
863352/D03	D03 4th Ed. Single Display	D03 4th Edition Single display support, one 23" medical grade 4th Edition display included	"New" 4th Edition medical grade display. Only option for countries which require CE mark.
863352/D04	D04 4th Ed. Dual Display	D04 4th Edition Dual display support, two 23" medical grade 4th Edition display included	"New" 4th Edition medical grade display. Only option for countries which require CE mark.
863352/D05	No Display	No display shipped from Philips. Dual display automatically enabled.	
863352/N01	N01 2nd Network Card	2nd network card for HL7	

Upgrade Options

Part number (863353)	Description
Hardware Add-On	
D04 4th Ed. Display	"New" 4th Edition medical grade display
N01 NIC	2nd Network card
U01 USB Dongle	USB dongle, required S/N
License Key	
E01 Lic Key 453564567571	License key for existing CMS200, 8 beds single display
E02 Lic Key 453564567581	License key for existing CMS200, 16 beds single display
E03 Lic Key 453564567591	License key for existing CMS200, 16 beds dual display
E04 Lic Key 453564567601	License key for existing CMS200, 32 beds dual display
Software Add-On	
B16 8 beds to 16 beds	8 to 16 beds
B32 16 beds to 32 beds	16 to 32 beds
B40 8 beds to 32 beds	8 to 32 beds
B50 8 beds to 64 beds	8 to 64 beds
B60 16 beds to 64 beds	16 to 64 beds
B70 32 beds to 64 beds	32 to 64 beds

Supported monitors



	Patient Monitors	Required Software Version
Efficia	CM10, CM12, CM100, CM120, CM150	A.01 or later
Goldway	G30E, G40E, GS20	A.01 or later
SureSigns VM	VM4, VM6, VM8	A.03.93 or later

Selling tools/marketing collaterals

Files(English)	P/N
Instructions for Use (IFU)	453564982231
Service guide	453564982051
Install Configuration Guide(ICG)	453524982061
Security Guide	453564982071
Quick Guide	453564987321
Brochure	TBD
Technical Data Sheet	TBD
CMS200 2.3 sales presentation	452299151781
Customer facing	TBD

